



## NATIONWIDE ENVIRONMENTAL SERVICES, INC.

6th Avenue West Business Park  
14818 W 6th Ave. Suite 5A  
Golden, CO 80401

May 4, 2017

Ms. Karen Kirchner  
Remedial Project Manager  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard, SR-6J  
Chicago, IL 60604

Mr. Brian Conrath  
Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

RE: Southeast Rockford Groundwater Contamination Site  
Groundwater Monitoring Report  
Semi-Annual Monitoring Event – **November 2016**

Ms. Kirchner/Mr. Conrath:

Nationwide Environmental Services, Inc. (NES) is submitting the semi-annual monitoring report presenting the analytical data and data interpretation summary for groundwater quality monitoring samples collected at the Southeast Rockford Groundwater Contamination Site (the Site) during the **November 2016** semi-annual monitoring event. The groundwater monitoring data obtained for the current reporting period will also be submitted in an MS Excel™ file separately via e-mail.

Please contact me at telephone (303) 232-2134 if you have any questions regarding the information provided or require any additional information.

Sincerely,

William B. Doterrer,  
Sr. Project Manager

cc: Nadine Miller, City of Rockford

Enclosures

**Southeast Rockford Groundwater Contamination Site  
Groundwater Monitoring Report  
Semi-Annual Monitoring Event - November 2016**

**May 2017**



Nationwide Environmental Services, Inc.

## Southeast Rockford Groundwater Contamination Site Groundwater Monitoring Report

---

### Overview

The second semi-annual monitoring event for calendar year 2016 was performed at the Southeast Rockford Groundwater Contamination Site (Site) in November. The field sampling activity and analytical procedures utilized for the current monitoring event were performed in accordance with the amended Quality Assurance Project Plan (QAPP, 2008) and the amended Field Sampling Plan (FSP, 2010).

The principle intent of the Site groundwater monitoring program is: (1) to monitor the status of the affected aquifer within the Site extents relative to groundwater clean-up standards established under the Record of Decision (ROD), and (2) to the extent possible under the groundwater monitoring program scope, monitor the influence of designated Site source areas and associated remediation activities on aquifer restoration goals.

The following report presents the results of the November 2016 monitoring event along with cumulative results for prior monitoring events conducted at the Site, and a comparison of groundwater monitoring data obtained during the current monitoring event to analytical data from the prior monitoring event to identify any notable change in groundwater conditions which may have occurred.

The results of the current groundwater monitoring event, and pertinent Site information and groundwater monitoring data are presented in the report as follows:

- **Figure 1** - Site groundwater monitoring network
- **Figure 2** - Concentration trend graphs
- **Table 1** - Summary of analytical results for samples collected in current monitoring event
- **Table 2** - Historical groundwater monitoring network analytical results
- **Table 3** - Groundwater elevations for the current monitoring event
- **Table 4** - Monitoring well inventory
- **Appendix A** - Validated laboratory data sheets and data quality summaries for the current monitoring event
- **Appendix B** - Field sampling sheets for the current monitoring event

NES continues to coordinate efforts with IEPA to share groundwater data obtained from common monitoring well locations at the Site. NES is not aware of IEPA sample collection from Site monitoring locations for the current reporting period and no comparative Site data from IEPA is presented in this report.

The current monitoring well inventory for the Site is presented in **Table 4**. The monitoring well inventory is revised, as necessary, to match the current condition of the individual monitoring wells comprising the Site monitoring well network. For example, repairs or maintenance performed for monitoring well locations that result in changes to the wellhead elevation will necessitate revisions to the monitoring well inventory.

## **Monitoring Event Results**

The field sampling sheets presenting pertinent field information and site conditions for the current monitoring event are provided in **Appendix B** of this report. The following field conditions were noted to occur during the current semi-annual monitoring event:

- MW-102A, MW-102B, & MW-102C – These wells are located in the storage yard for the Owens Corning Plant in an area that was re-paved with asphalt. Following the November sampling event, the flush protective casings for these groundwater monitoring wells were replaced with similar flush casings, as described further in a subsequent section of this report.
- MW-205A & MW-205B – These wells are in the area of the ongoing construction of the Rock River Water Reclamation District's (RRWRD) stormwater retention pond. Following the current sampling event, these groundwater monitoring wells were converted from flush protective casings to above ground casings to improve well head access and maintenance, as described further in a subsequent section of this report.
- MW-101D, MW-113B, MW-117D, MW-119, & MW-206C – The groundwater from these wells exhibited sporadic field dissolved oxygen (DO) values during sampling to the point that the target criteria of 10% variation within the last three readings was not possible to achieve. These monitoring wells are in disparate locations across the Site and no specific cause for the field DO measurements was identified.
- MW-203 was sampled with a portable low flow sampling pump. The permanent well pump installed in the well has been removed by an unknown party.

The analytical results for groundwater samples collected during the current monitoring event are summarized in **Table 1**. Included in **Table 1** are the concentrations for the chemicals of concern (COC) identified in Section VI of the Site Record of Decision (ROD) and for vinyl chloride. Historical analytical results for groundwater samples collected from the Site monitoring network, by monitoring well location, are presented in **Table 2**. Validated laboratory data sheets and data quality summaries including relevant analytical quality assurance/quality control (QA/QC) are provided in **Appendix A**.

Overall, total VOC concentrations have generally decreased across the Site since inception of the long-term monitoring program in March 1999. The ratios of parent VOC compound concentrations to associated breakdown product concentrations indicate biodegradation, comprising a component of natural attenuation, may be occurring at the Site. The presence of vinyl chloride and chloroethane in groundwater samples are further indicators that natural attenuation may be occurring at the Site.

A series of graphs depicting historical total volatile organic compound (VOC) concentrations for select monitoring wells are presented on **Figure 2** to show total VOC concentration trends occurring at these monitoring locations. The monitoring locations used for comparison of historical analytical data were selected based on their proximity to designated source areas. Although the graphs depict analytical results from 1999 to the present, the evaluation presented in this report for total VOCs in groundwater at the Site is principally devoted to the identification of changes, if any, from the previous semi-annual sampling event conducted in June 2016.

The graphs on **Figure 2** reveal that fluctuations in total VOC concentrations in groundwater have occurred over the period that samples have been collected at the Site under the remedial action. The causal factors for VOC concentration variability are presumed to be source area remedial activities performed by others, variation in groundwater levels and flowpaths, precipitation events resulting in aquifer recharge, etc. However, NES is not aware of any specifics that would allow an interpretation of the data, other than the general observations presented in this report.

### **Monitoring Data Review**

The status of total VOC concentrations at certain monitoring well locations, relative to the previous monitoring event (June 2016), are summarized below. The noted monitoring well locations are located proximate to, or down-gradient from, identified source areas. The Site source areas are segregated by general geographic location within the Site for the purpose of this report.

#### ***East-Source Area 7***

The majority of total VOC concentrations reported for groundwater monitoring locations near the Area 7 source area have generally decreased or remained relatively stable from the previous sampling event, except as noted. Relative increases were noted for total VOC concentrations in water quality samples collected from MW-101A, MW-101C, MW-101D, and MW-102A/B from the previous monitoring event. Several VOCs were reported above the maximum contaminant level (MCL) at the monitoring well cluster MW-101A/B/C/D, MW-102A, and MW-133B/C. During the previous monitoring event, VOCs were reported above MCLs at these same locations.

#### ***North-Source Areas 4, 9, 10, & 11***

Evaluation of the analytical results for the current monitoring event resulted in the following observations. Relative increases in total VOC concentrations were noted in the water quality samples collected from MW-16, MW-113B, MW-114A/B, MW-121, MW-201, and MW-203 from the previous monitoring event. Several VOCs were reported above the MCL at monitoring locations MW-16, MW-113A/B, MW-114A, MW-121, and MW-124. During the previous monitoring event, VOCs were reported above MCLs at these same locations, with the exception of MW-114A.

#### ***West-Rock River***

Evaluation of the analytical results for the current semi-annual monitoring event resulted in the following observations for the monitoring locations proximate to the Rock River. Relative increases in total VOC concentrations did occur in the water quality samples collected from MW-117C, MW-204, and MW-206C from the previous monitoring event. Several VOCs were reported above the MCL at MW-117B/C/D, MW-204, MW-205A/B, MW-206A/B/C, and MW-207. During the previous monitoring event, VOCs were reported above MCLs at these same locations.

### **Groundwater Monitoring Network Maintenance**

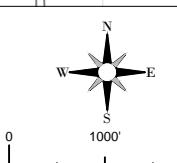
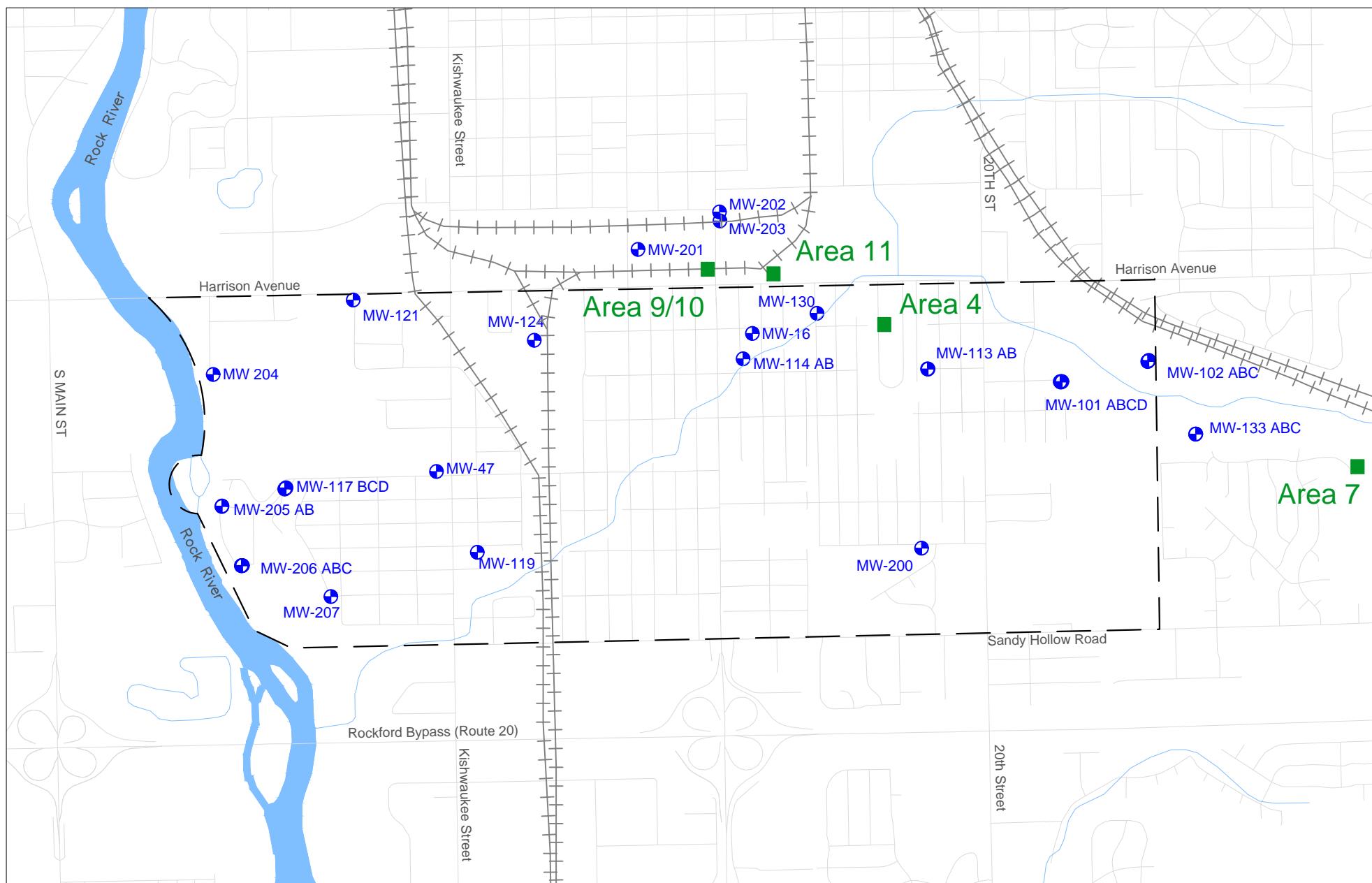
Maintenance performed on the groundwater monitoring network since the June 2016 monitoring event involved the following activity.

MW-102A, MW-102B, & MW-102C: These monitoring wells are located in the storage yard for the Owens Corning Plant in an area that has been re-paved with asphalt, and the wellhead locations were covered by asphalt “cold patch”. Maintenance work completed for these well locations involved the removal of dedicated low flow sampling pumps from the wells for later reinstallation, saw cutting asphalt surrounding wellhead in an approximately 2’x2’ area, excavation and removal of old flush-mount

## **Semi-Annual Monitoring Event – November 2016**

protective casings from MW-102A & MW-102C, installation of new flush-mount protective casings, and replacement of a bolt down casing on MW-102B. This work was completed in late November 2016.

MW-205A & MW-205B: These monitoring wells are in an area of ongoing construction for the *Rock River Water Reclamation District's* (RRWRD) storm water retention pond. An earthen berm placed as part of the construction activity covered the wellheads with 12" to 18" of topsoil. Maintenance work completed for these well locations involved the removal of dedicated low flow sampling pumps from the wells for later re-installation, existing flush casings were removed by digging soil surrounding casings, inner casings were extended with a PVC riser, steel above ground protective casings were installed over the riser and cemented into place with the riser measurements increasing the elevation of the inner casings (MW205A: 3.29 ft. and MW205B: 3.50 ft.), sampling pumps and tubing were re-installed without modifications. This maintenance work was completed in early December 2016.



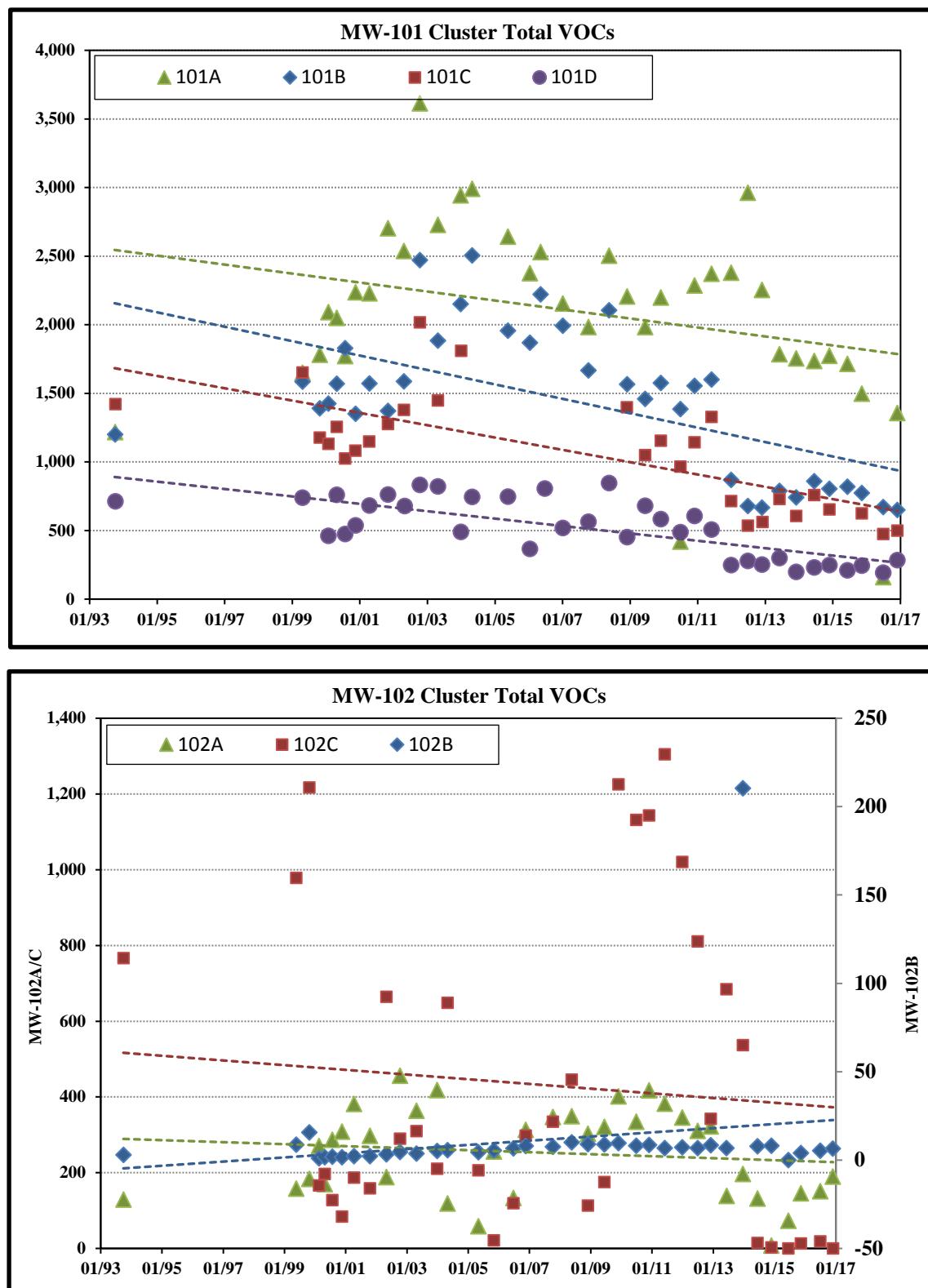
#### LEGEND

- Monitoring Well
- Source Area
- Study Area



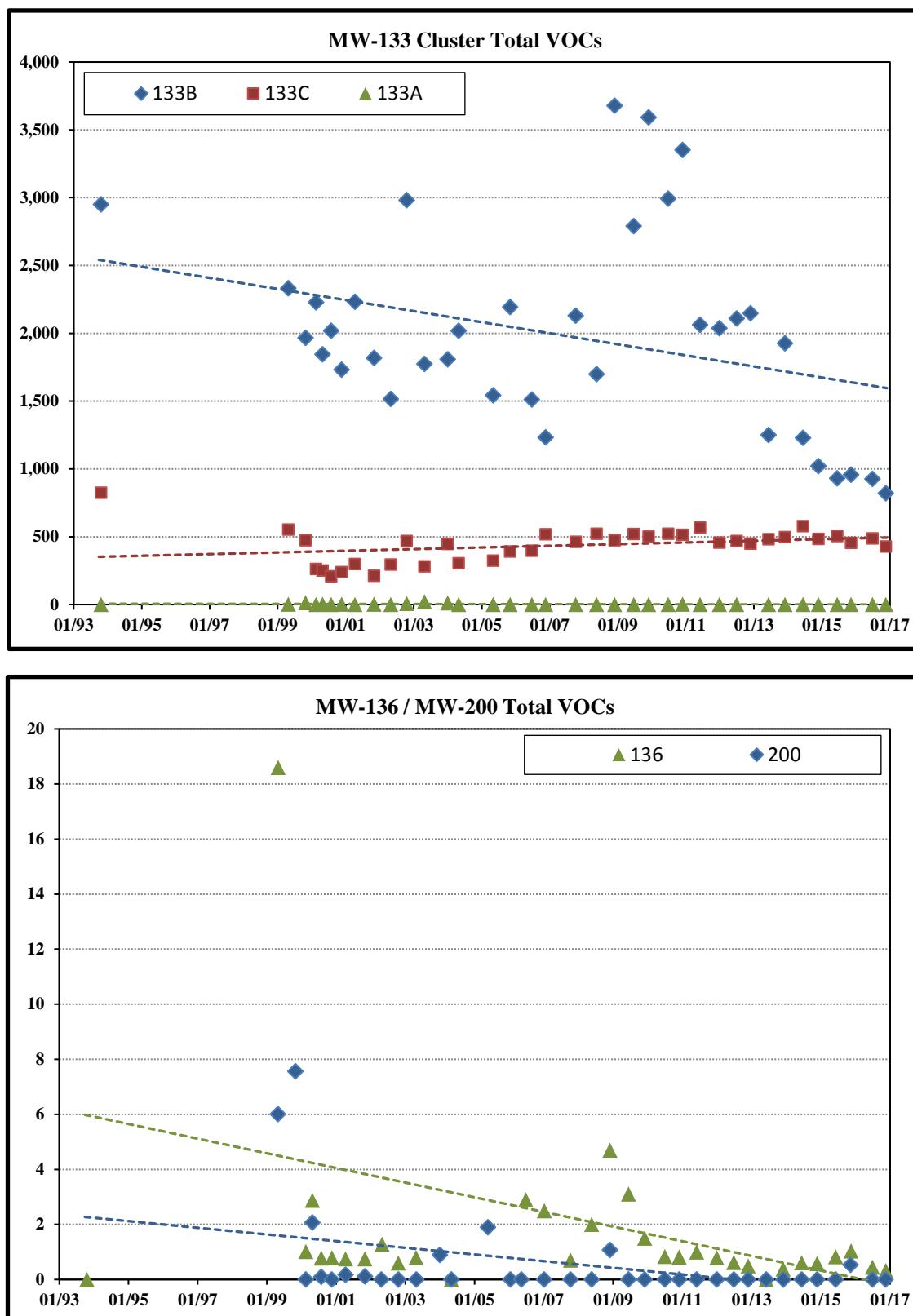
**Figure 1**  
Southeast Rockford Groundwater Contamination Site  
Groundwater Monitoring Network and Source Areas  
Winnebago County, Illinois

**Figure 2 - Southeast Rockford Groundwater Contamination Site Monitoring Wells Near Area 7**



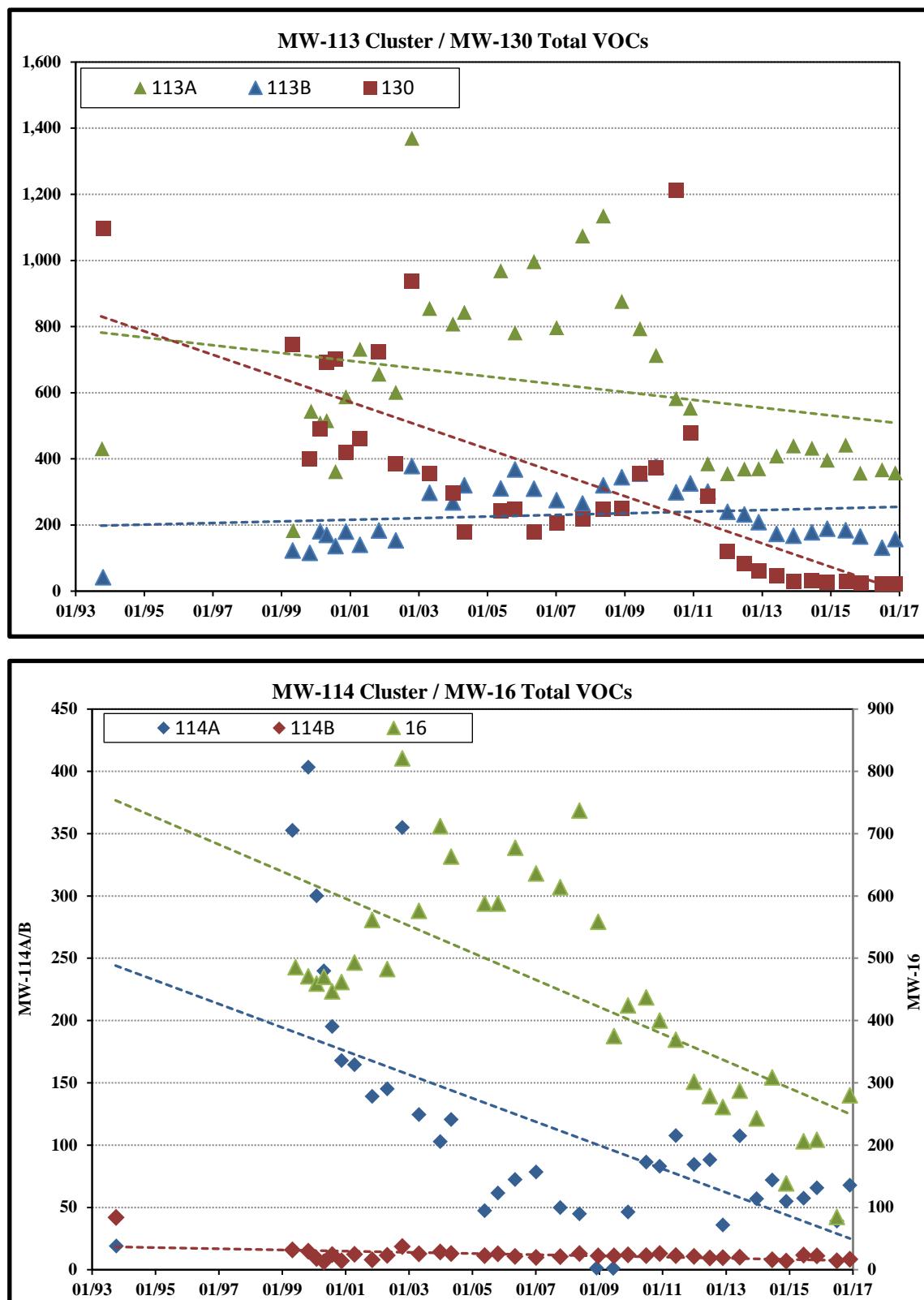
Y-axis = Total VOCs in micrograms per liter; X- axis = Sampling Date

**Figure 2 - Southeast Rockford Groundwater Contamination Site Monitoring Wells Near Area 7**



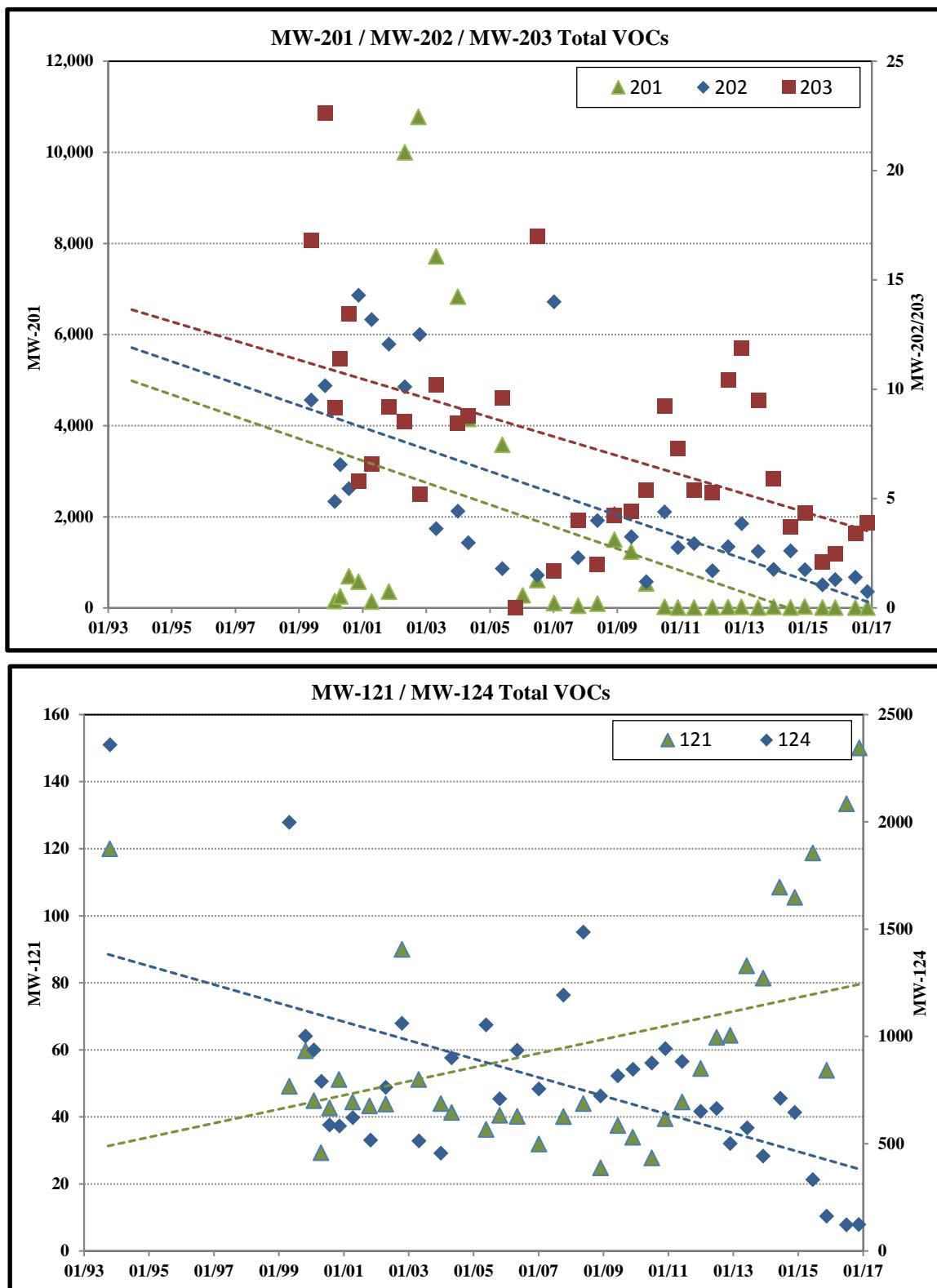
Y-axis = Total VOCs in micrograms per liter; X- axis = Sampling Date

**Figure 2 - Southeast Rockford Groundwater Contamination Site Monitoring Wells Near Areas 4, 9/10, 11**



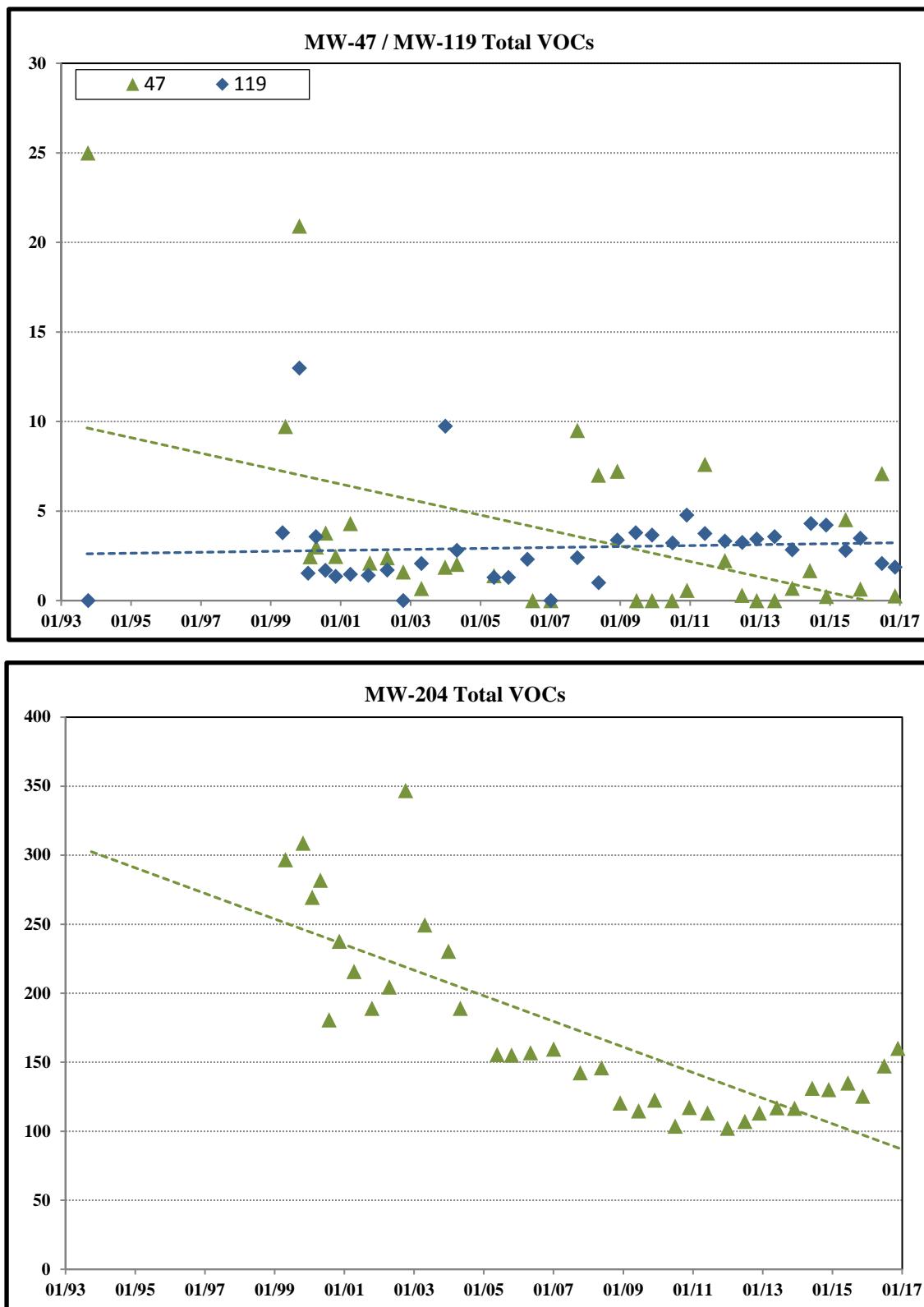
Y-axis = Total VOCs in micrograms per liter; X- axis = Sampling Date

**Figure 2 - Southeast Rockford Groundwater Contamination Site  
Monitoring Wells Near Areas 4, 9/10, 11**



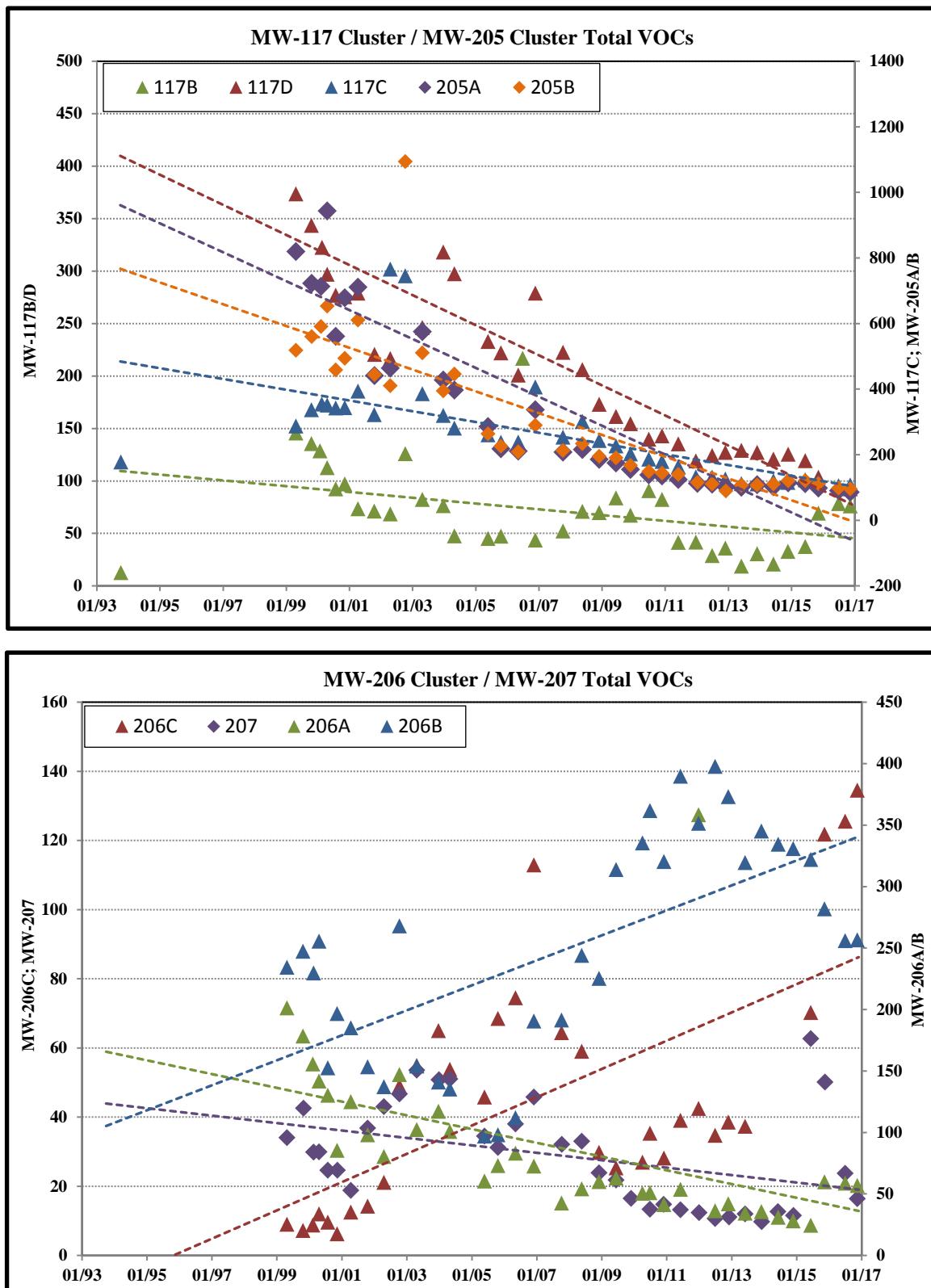
Y-axis = Total VOCs in micrograms per liter; X- axis = Sampling Date

**Figure 2 - Southeast Rockford Groundwater Contamination Site Monitoring Wells Near Rock River**



Y-axis = Total VOCs in micrograms per liter; X- axis = Sampling Date

**Figure 2 - Southeast Rockford Groundwater Contamination Site Monitoring Wells Near Rock River**



Y-axis = Total VOCs in micrograms per liter; X- axis = Sampling Date

**Table 1: Southeast Rockford Groundwater Contamination Site**  
**Summary of Groundwater Analytical Results**  
**Sampling Event # 36**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	5	2	
MW-16	11/27/16		0.86 J	100	1 U	23	13	3.1	5 U	10	97	33	1 U	280
MW-47	11/12/16		1 U	0.27 J	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	
MW-101A	11/27/16	Dilution	2.8 J	240	5 U	61	210	11	25 UB	62	660	110	5 U	1357
MW-101B	11/27/16	Dilution	1.2 J	130	5 U	23	20	4.4 J	25 U	26	420	25	5 U	650
MW-101C	11/28/16	Dilution	1 J	110	2.5 U	18	15	3.6	12 UB	18	320	14	2.5 U	500
MW-101D	11/27/16		0.97 J	60	1 U	15	16	2	5 U	13	160	18	1 U	285
MW-102A	11/26/16		1 U	60	1 U	0.49 J	100	4.1	5 U	1 U	18	7	1 U	190
MW-102A	11/26/16	Fld Dupe	1 U	61	1 U	0.52 J	110	4.2	5 U	1 U	19	7.2	1 U	202
MW-102B	11/26/16		1 U	1.6	0.44 J	1 U	2.5	1 U	5 U	1 U	1 U	1 U	1.9	6
MW-102C	11/27/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	
MW-113A	11/16/16		1.1	120	1 U	25	21	4	5 U	14	130	43	1 U	358
MW-113B	11/16/16		1 U	63	0.4 J	13	38	1.7	5 U	2.3	11	18	9.7	157
MW-114A	11/27/16		1 U	6.5	1 U	7.1	4	1 U	5 U	0.36 J	47	2.9	1 U	68
MW-114B	11/27/16		1 U	1.9	1 U	0.46 J	1.5	1 U	5 U	1 U	1 U	4.6	1 U	8
MW-117B	11/11/16		0.27 J	16	1 U	7.5	1.5	1 U	5 U	11	29	11	1 U	76
MW-117C	11/11/16		0.29 J	46	1 U	11	2.2	1 U	5 U	15	24	9.4	1 U	108
MW-117D	11/11/16		0.23 J	34	1 U	8.2	1.7	1 U	0.25 J	14	26	8.2	1 U	93
MW-119	11/12/16		1 U	0.66 J	1 U	1 U	1 U	1 U	5 U	1 U	0.92 J	0.29 J	1 U	2
MW-121	11/17/16		0.71 J	61	1 U	22	4.9	0.75 J	5 U	1.7	30	29	1 U	150
MW-124	11/12/16		1 U	50	1 U	6	22	0.68 J	0.31 J	8.4	29	3.8	2.6	123
MW-124	11/17/16	Fld Dupe	1 U	37	1 U	4.7	17	0.51 J	5 U	8.1	29	3.8	2.3	102
MW-130	11/13/16		1 U	9.8	1 U	1.2	1.9	1 U	0.27 J	0.4 J	7.6	1.6	1 U	23

**Table 1: Southeast Rockford Groundwater Contamination Site**  
**Summary of Groundwater Analytical Results**  
**Sampling Event # 36**

Well ID	Date	Sample Type	MCL	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	2	
MW-133A	11/16/16			1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	
MW-133B	11/16/16	Dilution		2.8 J	150	5 U	47	74	6.8	25 UB	57	440	44	5 U	822
MW-133C	11/16/16			4.8	54	0.91 J	43	82	1.9	5 UB	12	150	79	1 U	428
MW-136	11/16/16			0.32 J	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1 U	
MW-200	11/13/16			1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	
MW-201	11/12/16			1 U	1.7	1 U	1 U	0.78 J	1 U	5 U	1.2	2.4	0.5 J	1 U	7
MW-201	11/12/16	Fld Dupe		1 U	1.6	1 U	1 U	0.71 J	1 U	5 U	1.2	2.4	0.48 J	1 U	6
MW-202	11/13/16			1 U	1 U	1 U	1 U	1 U	1 U	5 U	0.74 J	1 U	1 U	1 U	1
MW-203	11/13/16			1 U	1 U	1 U	1 U	1 U	1 U	5 U	3.9	1 U	1 U	1 U	4
MW-204	11/17/16			0.46 J	22	0.35 J	29	28	0.59 J	5 U	1.7	24	54	1 U	160
MW-205A	11/11/16			0.26 J	26	1 U	8.1	2.2	1 U	5 U	16	21	12	1 U	86
MW-205B	11/11/16			0.27 J	33	1 U	9.9	2.5	1 U	5 U	17	22	11	1 U	96
MW-206A	11/11/16			0.23 J	14	1 U	5.7	2.4	1 U	5 U	5.5	20	8.5	0.49 J	57
MW-206B	11/11/16			0.66 J	31	0.61 J	42	97	0.35 J	5 U	21	33	31	1 U	257
MW-206C	11/11/16			1 U	35	0.77 J	28	38	1 U	5 U	0.62 J	1 U	30	2.1	134
MW-207	11/12/16			0.31 J	2.9	1 U	1.3	1.2	1 U	0.25 J	1.4	3.8	5.2	1 U	16

**Table 1: Southeast Rockford Groundwater Contamination Site  
Summary of Groundwater Analytical Results  
Sampling Event # 36**

---

Results reported in micrograms per liter ( $\mu\text{g/l}$ )

Highlighted results equal or exceed the Maximum Contaminant Level (MCL)

CFM	Chloroform
1,1-DCA	1,1-Dichloroethane
1,2-DCA	1,2-Dichloroethane
1,1-DCE	1,1-Dichloroethene
c1,2-DCE	cis- 1,2-Dichloroethene
t1,2-DCE	trans-1,2-Dichloroethene
MC	Methylene Chloride
PCE	Tetrachloroethene
1,1,1-TCA	1,1,1-Trichloroethane
TCE	Trichloroethene
Total VOCs	Sum of Total Volatile Organic Compound Concentrations

B Concentration is less than the reporting limit but greater than the instrument detection limit.

D Reported concentration is based on an analysis requiring a secondary detection limit.

E The associated value exceeds the calibration range.

J The reported concentration is estimated.

U Analyte was not detected at or above the reporting limit.

Fld Dupe Field Duplicate

Fld Dupe Dln Field Duplicate Dilution

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-16	06/01/99		3	76	1.2	24	140	1.8	2 U	5.4	170	64	1 U	485
MW-16	10/26/99		2.3 J	73	10 U	23	130	2.5 J	20 U	5.2 J	170	65	10 U	471
MW-16	01/31/00		2.3 J	75	10 U	2.2 J	120	16	20 U	5.9 J	170	68	10 U	459
MW-16	04/24/00		2.5 J	79	5 U	2 J	130 E	16	10 JB	5.7	170 E	65	5 U	480
MW-16	04/24/00	Dilution	50 DJB	75 D	50 U	50 U	130 D	17 DJ	100 DJB	5.3 DJ	160 D	62 D	2.8 DJ	602
MW-16	07/27/00		2.7	75	10 U	3.8	130	12	20 U	5.2	160	58	10 U	447
MW-16	11/13/00		2.2	87	10 U	20	150	2.8	20 U	5	140	55	10 U	462
MW-16	04/12/01		2.3	74	10 U	3.1	150	14	20 U	5.8	180	64	10 U	493
MW-16	10/31/01		2.5	88	10 U	10 U	160	22	20 U	7.1	210	72	10 U	562
MW-16	04/25/02		2.3	70	10 U	15	170	6.7	20 U	6.6	150	62	10 U	483
MW-16	10/15/02		20 U	130	20 U	98	240	22	40 U	20 U	240	91	1 U	821
MW-16	04/23/03	Dilution	20 U	75.6	20 U	24.6	200	20 U	40 U	20 U	172	75.3	20 U	548
MW-16	04/23/03		2.51	95.6 E	1.08	24.2	244 E	15.7	2 U	9.74	237 E	97.6 E	1 U	727
MW-16	12/26/03		2.48	93.9 E	1 U	32.2 E	209 E	13.9	1 U	9.45	208 E	77.8 E	1 U	647
MW-16	12/26/03	Dilution	10 U	93.9 D	10 U	31.7 D	247 D	10 U	10 U	9.14 JD	221 D	92.7 D	10 U	695
MW-16	12/26/03	Fld Dupe	2.55	82.7 D	1 U	34.5 E	227 D	10 U	1 U	9.85	220 E	72.5 D	1 U	649
MW-16	04/28/04		20 U	100	20 U	30.1	254	20 U	40 U	20 U	202	77.3	20 U	663
MW-16	05/21/05		1.8	91	1 U	28	230	5.6	2 U	6.5	160	65	1 U	588
MW-16	10/20/05		1.8	91	1 U	28	230	5.6	2 U	6.5	160	65	1 U	588
MW-16	05/08/06		2	94	1 U	27	290	7.3	2 U	9.1	170	78	1 U	677
MW-16	01/04/07		5	94	5 U	24	280	5	10 U	5.3	160	63	5 U	636
MW-16	10/08/07		2	100	1	28	260	14	2 U	8	140	61	1 U	614
MW-16	05/17/08		20 U	130	20 U	39	320	20 U	40 U	20 U	170	78	20 U	737
MW-16	12/18/08	Dilution	1.3 J	100	1 J	2 U	240	35	0.7 J	4.6	120	56	2 U	559
MW-16	06/20/09	Dilution	1.6 J	110	2 U	2 U	39	6.8	2 U	5.5	170	42	2 U	375
MW-16	11/28/09	Dilution	1.6 J	110	2 U	7.9	56	6.9	0.88 J	6.1	180	55	2 U	424
MW-16	06/25/10		1.4	93	0.21 J	21	51	3.8	1 U	8.7	200	58	1 U	437
MW-16	11/27/10	Dilution	1.4 J	78	2 U	24	45	1.6 J	2 U	10	180	60	2 U	400
MW-16	06/01/11		1.2	81	1 U	19	40	3.2	1 U	11	160	54	1 U	369
MW-16	12/28/11		1.1	71	1 U	17	27	2.7	5 U	11	130	42	1 U	302
MW-16	06/28/12		1.1	72	1 U	5.2	25	3.3	5 U	11	120	41	1 U	279
MW-16	11/24/12		0.9 J	68	1 U	13	22	2.4	5 U	10	110	35	1 U	261
MW-16	06/07/13		0.89 J	75	1 U	19	21	2.5	5 U	12	120	37	1 U	287

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-16	12/19/13		0.8 J	73	1 U	17	18	2.2	5 U	9	93	30	1 U	243
MW-16	06/14/14		1	98	1 U	22	18	2.9	5 UB	11	120	36	1 U	309
MW-16	11/24/14		0.62 J	45	1 U	8.6	12	1.1	5 U	4.2	50	17	1 U	139
MW-16	06/13/15		0.74 J	73	1 U	14	13	2.1	5 U	5.4	75	23	1 U	206
MW-16	11/11/15		0.81 J	71	1 U	12	13	2.3	0.76 J	6.7	76	26	1 U	209
MW-16	06/28/16		0.43 J	33	1 U	2.8	9.4	0.67 J	5 U	2.3	26	10	1 U	85
MW-16	11/27/16		0.86 J	100	1 U	23	13	3.1	5 U	10	97	33	1 U	280
MW-47	10/06/93		1 U	5	1 U	2	3	1 U	2 U	1	9	5		25
MW-47	06/01/99		1 U	1.1	1 U	0.49	1.3	1 U	2 U	0.53	3.5	2.8	1 U	10
MW-47	10/27/99		1 U	1.1	1 U	0.87 J	4.5	0.05 J	2 U	2.2	6.5	5.7	1 U	21
MW-47	02/17/00		1 U	0.32 J	1 U	0.1 J	0.18 J	1 U	2 U	0.27 J	1	0.58 J	1 U	2
MW-47	04/18/00		1 U	0.53 J	1 U	0.18 J	0.36 J	1 U	2 U	0.27 J	1	0.66 J	1 U	3
MW-47	07/27/00		1 U	0.61	1 U	0.13	0.38	1 U	2 U	0.64	1.2	0.82	1 U	4
MW-47	11/08/00		0.17	0.55	1 U	0.1	0.25	1 U	2 U	0.45	0.58	0.37	1 U	2
MW-47	04/10/01		0.28	0.57	1 U	1	0.31	1 U	2 U	0.48	1.1	0.56	1 U	4
MW-47	10/31/01		0.92	0.21	1 U	1 U	1 U	1 U	2 U	0.38	0.34	0.25	1 U	2
MW-47	04/30/02		1.3	0.13	1 U	1 U	0.13	1 U	2 U	0.33	0.23	0.27	1 U	2
MW-47	10/17/02		1	1 U	1 U	1 U	1 U	1 U	1 U	0.6	1 U	1 U	1 U	2
MW-47	04/22/03		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.67 J	1 U	1 U	1
MW-47	12/28/03		1 U	1 U	1 U	0.51 J	1 U	1 U	1 U	0.77 J	0.59 J	1 U	1 U	2
MW-47	04/28/04		1 U	0.54	1 U	1 U	1 U	1 U	2 U	1 U	0.91	0.58	1 U	2
MW-47	05/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1.4	1 U	1 U	1
MW-47	06/28/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-47	01/05/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-47	10/08/07		1 U	2	1 U	0.9	2	1 U	2 U	0.6	3	1	1 U	10
MW-47	05/17/08		1 U	1	1 U	1 U	1	1 U	2 U	1 U	4	1	1 U	7
MW-47	11/29/08		1 U	1.6	1 U	1 U	0.93 J	1 U	1 U	0.62 J	2.91	1.17	1 U	7
MW-47	11/29/08	Fld Dupe	0.15 J	1.58	1 U	0.34 J	0.96 J	1 U	1 U	0.61 J	2.89	1.15	1 U	8
MW-47	06/20/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-47	11/28/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-47	06/24/10		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-47	11/29/10		1 U	0.27 J	1 U	1 U	1 U	1 U	1 U	1 U	0.3 J	1 U	1 U	1
MW-47	06/03/11		1 U	2	1 U	0.68 J	0.7 J	1 U	1 U	0.33 J	2.7	1.2	1 U	8

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-47	12/29/11		1 U	0.35 J	1 U	1 U	1 U	1 U	5 U	0.4 J	0.85 J	0.64 J	1 U	2
MW-47	06/26/12		1 U	1 U	1 U	1 U	1 U	1 U	5 U	0.29 J	1 U	1 U	1 U	0
MW-47	11/25/12		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-47	05/31/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-47	12/01/13		1 U	0.35 J	1 U	1 U	1 U	1 U	5 U	1 U	0.34 J	1 U	1 U	1
MW-47	06/05/14		1 U	0.31 J	1 U	1 U	1 U	1 U	5 U	0.41 J	0.61 J	0.35 J	1 U	2
MW-47	06/05/14	Fld Dupe	1 U	0.29 J	1 U	1 U	1 U	1 U	5 U	0.35 J	0.57 J	0.35 J	1 U	2
MW-47	11/23/14		1 U	0.23 J	1 U	1 U	1 U	1 U	5 U	1 UB	1 U	1 U	1 U	0
MW-47	06/13/15		1 U	2.2	1 U	0.53 J	0.23 J	1 U	5 U	0.23 J	1.1	0.23 J	1 U	5
MW-47	11/15/15		1 U	1 U	1 U	1 U	1 U	1 U	0.45 J	0.2 J	1 U	1 U	1 U	1
MW-47	11/15/15	Fld Dupe	1 U	1 U	1 U	1 U	1 U	1 U	0.64 J	0.17 J	1 U	1 U	1 U	1
MW-47	06/27/16		1 U	2.7	1 U	0.89 J	0.34 J	1 U	5 U	1 U	2.5	0.66 J	1 U	7
MW-47	11/12/16		1 U	0.27 J	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
<hr/>														
MW-101A	10/04/93		4	150	17 U	43	190		17 U	17 U	650	180		1217
MW-101A	04/20/99		7.3	230	3.4	63	540	9.3	2 U	16	580	200	1 U	1649
MW-101A	10/25/99		5.6 J	240	50 U	64	620	7 J	100 U	14 J	610	220	50 U	1781
MW-101A	01/27/00		6.2 J	270	50 U	61	690	40 J	100 U	15 J	740	270	50 U	2092
MW-101A	04/25/00		7 JB	240	50 U	65	720	7.8 J	100 JB	50 U	690	220	50 U	2050
MW-101A	07/26/00		6.1	210	20 U	51	730	10	40 U	4.4	620	140	20 U	1772
MW-101A	11/16/00		6.3	310	50 U	77	830	8.3	100 U	15	740	250	50 U	2237
MW-101A	04/13/01		5.6	240	50 U	81	780	8.6	100 U	14	830	270	50 U	2229
MW-101A	10/30/01		6.3	300	50 U	79	990	12	100 U	15	1000	300	50 U	2702
MW-101A	04/22/02		6.8	250	50 U	82	1000	11	100 U	18	890	280	50 U	2538
MW-101A	10/10/02		100 U	370	100 U	440	1200	100 U	200 U	64	1200	340	1 U	3614
MW-101A	04/23/03		6.28	320 E	1 U	125 E	1080 E	19.4	2 U	26.8 E	919 E	427 E	1 U	2923
MW-101A	04/23/03	Dilution	100 U	266	100 U	81.8 J	1110	100 U	200 U	100 U	909	309	100 U	2676
MW-101A	12/26/03		8.18	313 E	3.83	128 E	1080 E	21.8	1 U	51.7 E	796 E	344 E	1 U	2747
MW-101A	12/26/03	Dilution	100 U	268 D	100 U	101 D	1260 D	100 U	100 U	100 U	950 D	278 D	100 U	2857
MW-101A	04/28/04		100 U	265	100 U	98.1	1230	100 U	200 U	56.4	1040	302	100 U	2992
MW-101A	05/21/05		10 U	260	10 U	89	1100	13	20 U	80	850	250	10 U	2642
MW-101A	01/12/06		4.5	220	5 U	37	990	44	10 U	61	800	220	5 U	2377
MW-101A	05/08/06		4.4	25 U	1 U	76	1100	17	2 U	93	970	270	1 U	2530

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-101A	01/04/07		10 U	180	10 U	48	840	21	20 U	56	820	190	10 U	2155
MW-101A	10/07/07		4	220	2	38	790	72	2 U	67	590	200	1 U	1983
MW-101A	05/17/08		50 U	260	50 U	100	1000	50 U	100	64	740	240	50 U	2504
MW-101A	11/28/08	Dilution	4.1 J	233	2.15 J	57.5	908	38.4	1.8 J	56.2	691	214	5 U	2206
MW-101A	06/10/09	Dilution	4.3 J	230	2 J	50	870	30	5 U	56	550	190	5 U	1982
MW-101A	11/27/09	Dilution	5.2 J	280	10 U	70	990	36	10 U	47	550	220	10 U	2198
MW-101A	06/28/10	Dilution	2 U	54	2 U	15	210	6	2 U	6.8	90	38	2 U	420
MW-101A	06/28/10	Fld Dupe	2 U	51	2 U	14	200	5.3	2 U	6.3	86	37	2 U	400
MW-101A	11/26/10	Dilution	3.2 J	280	10 U	68	1100	18	10 U	36	550	230	10 U	2285
MW-101A	05/31/11	Dilution	4.5 J	310	10 U	46	1200	75	10 U	36	510	190	10 U	2372
MW-101A	12/28/11	Dilution	4.3 J	290	2.8 J	62	1200	49	50 U	52	540	180	10 U	2380
MW-101A	12/28/11	Fld Dupe	4.3 J	290	10 U	64	1200	52	50 U	52	540	180	10 U	2382
MW-101A	06/25/12	Dilution	5.2 J	320	10 U	72	1600	66	2.7 J	56	650	190	10 U	2962
MW-101A	11/24/12	Dilution	3.4 J	240	10 U	39	1200	57	50 U	55	500	160	10 U	2254
MW-101A	06/04/13	Dilution	10 U	260	10 U	61	730	14	15 J	56	500	150	10 U	1786
MW-101A	06/04/13	Fld Dupe	3.1 J	270	5 U	66	750	16	8.3 J	58	540	160	5 U	1871
MW-101A	11/30/13	Dilution	3 J	260	5 U	70	610	14	25 UB	67	570	160	5 U	1754
MW-101A	06/14/14	Dilution	3.2 J	300	5 U	58	510	23	25 UB	72	620	150	5 U	1736
MW-101A	11/24/14	Fld Dupe	3.5 J	270	5 U	50	510	35	25 U	71	670	150	5 U	1760
MW-101A	11/24/14	Dilution	3.6 J	270	5 U	64	520	25	25 U	71	670	150	5 U	1774
MW-101A	06/07/15	Dilution	3.4 J	280	0.9 J	65	420	16	25 UB	70	710	150	5 U	1715
MW-101A	11/10/15	Dilution	2.8 J	240	5 U	54	330	23	25 U	67	650	130	5 U	1497
MW-101A	06/28/16		5.5	28	1 U	5.8	25	1.6	0.48 J	6.7	75	12	1 U	160
MW-101A	11/27/16	Dilution	2.8 J	240	5 U	61	210	11	25 UB	62	660	110	5 U	1357
MW-101B	10/04/93		5	140	25 U	42	190		25 U	84	560	180		1201
MW-101B	04/20/99		3.6	150	10 U	36	520	10 U	20 U	45	690	140	10 U	1585
MW-101B	10/25/99		3.6 J	140	25 U	38	430	3.2 J	50 U	47	580	150	25 U	1392
MW-101B	01/27/00		50 U	140	50 U	33 J	490	50 U	100 U	42 J	570	150	50 U	1425
MW-101B	04/25/00		4.5 J	150	50 U	37 J	510	5.2 J	100 JB	33 J	590	140	50 U	1570
MW-101B	07/26/00		4.4	150	20 U	41	700	4	40 U	39	750	140	20 U	1828
MW-101B	11/16/00		3.3	170	25 U	35	550	3.9	50 U	18	450	120	25 U	1350
MW-101B	04/13/01		50 U	140	50 U	42	570	50 U	100 U	39	620	160	50 U	1571
MW-101B	10/30/01		3.5	150	25 U	33	580	4	50 U	21	440	140	25 U	1372

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-101B	04/22/02		4.4	140	50 U	37	630	4.4	3.3	48	580	140	50 U	1587
MW-101B	10/10/02		50 U	230	50 U	290	850	50 U	100 U	80	840	180	1 U	2470
MW-101B	04/23/03		3.62	202 E	1 U	66 E	891 E	11.7	2 U	67.1 E	753 E	206 E	1 U	2200
MW-101B	04/23/03	Dilution	50 U	162	50 U	45 J	795	50 U	100 U	50.7	656	160	50 U	1869
MW-101B	12/26/03		4.11	222 E	1 U	70.1 E	893 E	13	1 U	68 E	671 E	180 E	1 U	2121
MW-101B	12/26/03	Dilution	100 U	188 D	100 U	100 U	963 D	100 U	100 U	100 U	696 D	148 D	100 U	1995
MW-101B	04/28/04		50 U	226	50 U	59.4	1140	50 U	100 U	61.8	843	174	50 U	2504
MW-101B	05/21/05		10 U	200	10 U	50	920	10 U	20 U	47	610	130	10 U	1957
MW-101B	01/12/06		5 U	200	5 U	42	890	6.3	10 U	41	570	120	5 U	1869
MW-101B	05/08/06		10 U	230	10 U	52	1100	10 U	20 U	50	660	130	1 U	2222
MW-101B	01/04/07		10 U	210	10 U	46	950	10 U	20 U	46	620	120	10 U	1992
MW-101B	10/07/07		2	200	2	47	790	12	2 U	44	460	110	1 U	1667
MW-101B	05/17/08		50 U	240	50 U	64	960	50 U	100	52	560	130	50 U	2106
MW-101B	11/28/08	Dilution	2.4 J	181	1.75 J	36.2	760	7.45	1.35 J	41.1	438	96.3	5 U	1566
MW-101B	06/10/09	Dilution	3.1 J	160	1.8 J	31	750	7.1	5 U	36	390	81	5 U	1460
MW-101B	11/27/09	Dilution	2.6 J	170	5 U	37	840	8.4	5 U	37	400	81	5 U	1576
MW-101B	06/28/10	Dilution	10 U	130	10 U	35	790	9 J	10 U	32	320	70	10 U	1386
MW-101B	11/26/10	Dilution	10 U	130	10 U	36	850	10 U	10 U	32	430	77	10 U	1555
MW-101B	05/31/11	Dilution	5 U	140	5 U	32	910	6.2	5 U	30	420	63	5 U	1601
MW-101B	12/28/11	Dilution	1.7 J	120	0.86 J	26	270	5.5	10 U	25	380	40	2 U	869
MW-101B	06/25/12	Dilution	1.9 J	120	5 U	25	47	4.3 J	25 U	24	430	27	5 U	679
MW-101B	11/24/12	Dilution	1.4 J	120	2.5 U	26	33	4.1	0.88 J	25	430	26	2.5 U	666
MW-101B	06/04/13	Dilution	1.4 J	140	5 U	27	37	4.8 J	7.4 J	24	520	27	5 U	789
MW-101B	11/30/13	Dilution	1.6 J	130	5 U	28	32	4.1 J	25 UB	28	490	27	5 U	741
MW-101B	06/14/14	Dilution	1.8 J	170	5 U	30	33	5.8	25 UB	30	560	29	5 U	860
MW-101B	11/24/14	Dilution	1.9 J	150	5 U	30	26	5.3	25 U	31	530	30	5 U	804
MW-101B	06/07/15	Dilution	1.8 J	180	5 U	28	26	5.6	25 UB	29	520	30	5 U	820
MW-101B	11/10/15	Dilution	5 U	160	5 U	28	22	5.8	1.2 J	28	500	28	5 U	773
MW-101B	11/10/15	Fld Dupe	1.4 J	160	5 U	29	22	5.6	25 U	30	520	28	5 U	796
MW-101B	06/28/16	Dilution	5 U	140	5 U	27	19	4.4 J	25 U	26	430	24	5 U	670
MW-101B	11/27/16	Dilution	1.2 J	130	5 U	23	20	4.4 J	25 U	26	420	25	5 U	650
MW-101C	10/06/93		100 U	140	100 U	59	210	100	100 U	72	650	190		1421
MW-101C	04/20/99		3.5	140	10 U	34	550	10 U	20 U	45	740	140	10 U	1653

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-101C	10/25/99		3 J	110	25 U	31	380	2.5 J	50 U	42	480	130	25 U	1179
MW-101C	01/27/00		20 U	110	20 U	28	370	2.8 J	40 U	42	460	120	20 U	1133
MW-101C	04/25/00		3.9 J	120	50 U	28 J	420	3.5 J	100 JB	31 J	450	100	50 U	1256
MW-101C	07/26/00		3.6	110	20 U	25	390	2.7	40 U	21	390	82	20 U	1024
MW-101C	11/13/00		2.6	130	25 U	24	420	2.7	50 U	34	370	100	25 U	1083
MW-101C	04/12/01		2.5	100	25 U	27	420	3	50 U	37	450	110	25 U	1150
MW-101C	10/30/01		2.9	120	25 U	21	510	11	50 U	32	470	110	25 U	1277
MW-101C	04/22/02		3.2	120	25 U	31	570	4.2	50 U	41	490	120	25 U	1379
MW-101C	10/10/02		50 U	200	50 U	200	660	50 U	28	150	650	130	1 U	2018
MW-101C	04/23/03	Dilution	50 U	125	50 U	35.8 J	626	50 U	100 U	36.7 J	489	121	50 U	1434
MW-101C	04/23/03		3	157 E	1 U	44.3 E	750 E	12.1	2 U	42 E	602 E	152 E	1 U	1762
MW-101C	12/30/03		3.64	193 E	1 U	57.2 E	782 E	32.5 E	1 U	63.2 E	644 E	175 E	1 U	1951
MW-101C	12/30/03	Dilution	50 U	141 D	50 U	42.4 JD	775 D	50 U	50 U	44.7 JD	628 D	142 D	50 U	1773
MW-101C	11/26/08	Dilution	2.45 J	157	2.05 J	33.8	682	6.8	1.5 J	27.9	398	86.4	5 U	1398
MW-101C	06/10/09	Dilution	2.6 J	120	5 U	22	550	5.8	5 U	24	270	56	5 U	1050
MW-101C	11/27/09	Dilution	2.4 J	120	5 U	28	620	5.5	5 U	25	290	63	5 U	1154
MW-101C	06/28/10	Dilution	5 U	85	5 U	23	570	5.4	5 U	19	220	44	5 U	966
MW-101C	11/26/10	Dilution	1.9 J	98	1.8 J	24	640	5 U	5 U	20	310	48	5 U	1144
MW-101C	05/31/11	Dilution	5 U	110	5 U	25	780	5.4	5 U	21	340	47	5 U	1328
MW-101C	12/28/11	Dilution	1.4 J	92	2 U	20	260	4	10 U	18	290	29	2 U	714
MW-101C	06/25/12	Dilution	1.4 J	89	2.5 U	17	89	3.3	12 U	16	300	20	2.5 U	536
MW-101C	11/30/12	Dilution	1.3 J	99	2.5 U	20	40	3.6	12 U	18	360	20	2.5 U	562
MW-101C	11/30/12	Fld Dupe	1.4 J	99	5 U	20	40	3.6 J	25 U	18	360	20	5 U	562
MW-101C	06/04/13	Dilution	1.6 J	130	2.5 U	24	40	4.1	7.1 J	22	480	22	2.5 U	731
MW-101C	11/30/13	Dilution	5 U	110	5 U	22	30	3.6 J	25 UB	21	400	19	5 U	606
MW-101C	06/14/14	Dilution	1.5 J	150	2.5 U	25	32	4.5	12 UB	26	500	20	2.5 U	759
MW-101C	11/24/14	Dilution	1.7 J	120	5 U	25	27	4.4 J	25 U	25	430	20	5 U	653
MW-101C	11/10/15	Dilution	1.3 J	130	5 U	22	19	4.2 J	1.4 J	22	410	16	5 U	626
MW-101C	06/28/16	Dilution	0.88 J	100	2.5 U	19	17	3.2	12 U	18	300	14	1.8 J	474
MW-101C	11/28/16	Dilution	1 J	110	2.5 U	18	15	3.6	12 UB	18	320	14	2.5 U	500
MW-101D	10/06/93		50 U	72	50 U	34	130	50	50 U	31	300	96		713
MW-101D	04/21/99		2.6	80	5 U	24	230	5 U	10 U	23	300	80	5 U	740

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-101D	01/27/00		1.6 J	42	10 U	14	130	1.5 J	20	18	180	54	10 U	<b>461</b>
MW-101D	04/25/00		2.4 JB	70	20 U	23	250	1.9 J	40 JB	23	270	81	20 U	<b>761</b>
MW-101D	07/26/00		2.5	60	1.2	14	180	1.1	20 U	2.9	180	33	10 U	<b>475</b>
MW-101D	11/16/00		2.2	76	1.3	17	210	1.3	20 U	3.8	180	46	10 U	<b>538</b>
MW-101D	04/13/01		2.2	66	10 U	21	250	1.9	20 U	18	250	73	10 U	<b>682</b>
MW-101D	10/30/01		2.3	70	20 U	22	260	2	40 U	26	300	80	20 U	<b>762</b>
MW-101D	04/30/02		2.5	66	20 U	22	260	2	40 U	20	240	67	20 U	<b>680</b>
MW-101D	10/10/02		20 U	100	20 U	94	280	20 U	40 U	20 U	300	58	1 U	<b>832</b>
MW-101D	04/23/03		2.17	72.1 E	1 U	28.2 E	323 E	5.34	2 U	24.8	297 E	82.6 E	1 U	<b>835</b>
MW-101D	04/23/03	Dilution	20 U	64.7	20 U	23.9	291	20 U	40 U	23	254	73.7	20 U	<b>730</b>
MW-101D	04/23/03	Fld Dupe	3	155 E	1 U	35.6 J	602	9.63	100 U	35.9 J	500	151 E	50 U	<b>1492</b>
MW-101D	12/28/03		1.87	47 E	0.88 J	19.8	184 E	8.27	1 U	19.2	202 E	58.3 E	1 U	<b>541</b>
MW-101D	12/28/03	Dilution	10 U	41.8 D	10 U	17.6 D	179 D	10 U	10 U	16 D	168 D	51.6 D	10 U	<b>474</b>
MW-101D	04/28/04		25 U	68	25 U	22.2	323	25 U	50 U	20.7	249	62.3	25 U	<b>745</b>
MW-101D	05/21/05		2	74	1 U	28	330	1 U	2 U	22	230	61	1 U	<b>747</b>
MW-101D	01/12/06		2 U	53	2 U	5	85	2 U	4 U	14	190	20	2 U	<b>367</b>
MW-101D	06/23/06		10 U	77	10 U	24	410	10 U	20 U	20	220	56	10 U	<b>807</b>
MW-101D	01/04/07		5	56	5 U	16	200	5 U	10 U	15	180	46	5 U	<b>518</b>
MW-101D	10/07/07		10 U	55	10 U	22	240	10 U	10 U	18	180	50	10 U	<b>565</b>
MW-101D	05/17/08		10 U	98	10 U	35	420 E	10 U	18 J	26	250 E	70	10 U	<b>917</b>
MW-101D	05/17/08	Dilution	25 U	81 D	25 U	28 D	380 D	25 U	50 U	25 U	220 D	60 D	25 U	<b>769</b>
MW-101D	11/28/08	Dilution	1.46 J	41.6	0.58 J	15	199	1.94 J	0.62 J	16.4	137	39.3	2 U	<b>453</b>
MW-101D	06/10/09	Dilution	1.8 J	68	0.86 J	19	340	3.6	2 U	20	180	47	2 U	<b>680</b>
MW-101D	11/27/09	Dilution	1.5 J	64	2.5 U	18	290	4.1	2.5 U	16	150	39	2.5 U	<b>583</b>
MW-101D	06/28/10	Dilution	2.5 U	44	2.5 U	16	270	3.1	2.5 U	13	110	32	2.5 U	<b>488</b>
MW-101D	11/26/10	Dilution	1.4 J	51	1 J	18	320	0.62 J	2.5 U	17	160	38	2.5 U	<b>607</b>
MW-101D	05/31/11	Dilution	1.4 J	60	2 U	17	210	2.4	2 U	15	170	31	2 U	<b>507</b>
MW-101D	12/28/11		1	42	1 U	13	39	2.1	5 U	12	120	19	1 U	<b>248</b>
MW-101D	06/25/12		1.1	47	1 U	14	33	1.8	5 U	12	150	19	1 U	<b>278</b>
MW-101D	11/24/12		1	42	1 U	13	27	1.6	5 U	11	140	16	1 U	<b>252</b>
MW-101D	06/04/13		1.2	49	1 U	16	20	1.5	5 U	12	180	19	1 U	<b>299</b>
MW-101D	11/30/13		0.91 J	29	1 U	11	20	1	5 U	11	110	16	1 U	<b>199</b>
MW-101D	06/14/14		0.73 J	44	1 U	12	57	1.8	5 UB	11	86	18	0.19 J	<b>231</b>
MW-101D	11/24/14		0.71 J	53	1 U	14	63	2	5 U	9.6	90	15	0.28 J	<b>248</b>

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-101D	06/07/15		0.49 J	49	0.2 J	9.8	51	1.8	5 UB	8.1	75	15	0.23 J	211
MW-101D	11/10/15		0.74 J	54	1 U	13	36	2	0.44 J	9.6	110	18	1 U	244
MW-101D	06/28/16		0.56 J	41	1 U	11	41	1.5	5 U	8.2	73	16	1 U	192
MW-101D	11/27/16		0.97 J	60	1 U	15	16	2	5 U	13	160	18	1 U	285
MW-102A	09/28/93		2 U	26	2 U	4	32	2	23	2	34	6		129
MW-102A	05/20/99		1 U	43	0.25	1.2	54	1.8	2 U	0.6	51	6.3	1 U	158
MW-102A	10/25/99		0.15 J	43	5 U	2.5 J	61	1.7 J	10 U	3.1 J	57	15	5 U	183
MW-102A	02/16/00		5 U	64	5 U	2.8 J	90	3 J	10 U	5 U	97	14	5 U	271
MW-102A	04/25/00	Fld Dupe	0.14 J	43	5 U	1.4 J	49	1.3 J	10 JB	5 U	57	7.7	5 U	170
MW-102A	04/25/00		5 U	43	5 U	1.5 J	49	1.4 J	10 JB	5 U	57	7.6	5 U	170
MW-102A	07/26/00		10 U	71	10 U	2.7	95	2.5	20 U	10 U	100	16	10 U	287
MW-102A	11/16/00		5 U	91	5 U	2.8	110	2.7	10 U	5 U	88	14	5 U	309
MW-102A	04/10/01		10 U	91	10 U	4.2	140	4.4	20 U	10 U	120	22	10 U	382
MW-102A	10/17/01		10 U	77	10 U	2.3	110	4.1	20 U	10 U	88	16	10 U	297
MW-102A	04/30/02		5 U	47	5 U	1.6	65	1.9	10 U	5 U	62	11	5 U	189
MW-102A	10/10/02		20 U	130	20 U	20 U	160	20 U	40 U	20 U	140	26	1 U	456
MW-102A	04/25/03		1 U	101 E	1 U	4.17	153 E	5.08	2 U	1 U	123 E	25.7 E	1 U	412
MW-102A	04/25/03	Dilution	10 U	92.9	10 U	10 U	137	10 U	20 U	10 U	102	22.2	10 U	354
MW-102A	12/26/03		1 U	108 E	1 U	4.14	145 E	5.89	1 U	1 U	111 E	20.1	1 U	394
MW-102A	12/26/03	Dilution	10 U	118 D	10 U	10 U	156 D	5.56 JD	10 U	10 U	114 D	22.4 D	10 U	416
MW-102A	04/28/04		2 U	39	2 U	2 U	34.2	1.45	4 U	2 U	37.3	6.93	2 U	119
MW-102A	05/02/05		1 U	19	1 U	1 U	16	0.84	2 U	1 U	19	3.5	1 U	58
MW-102A	05/02/05	Fld Dupe	1 U	24	1 U	1 J	21	1.1	2 U	1 U	21	4.3	1 U	72
MW-102A	11/02/05		1 U	71	1 U	1.9	110	5.1	2 U	1 U	57	11	1 U	256
MW-102A	06/22/06		1 U	39	1 U	0.98	54	1.9	2 U	1 U	31	6.6	1 U	133
MW-102A	11/16/06		1 U	73	1 U	1.8	120	3.3	2 U	1 U	100	15	1 U	313
MW-102A	10/08/07		10 U	64	10 U	4	150	5	9	10 U	95	20	10 U	347
MW-102A	05/19/08		10 U	68	10 U	10 U	150	10 U	20	10 U	93	18	10 U	349
MW-102A	11/26/08		0.18 J	58.1	0.32 J	2.81	137	4.14	1 U	1 U	82.6	17.6	1 U	303
MW-102A	06/11/09		0.19 J	66	0.26 J	2.6	150	4.1	1 U	1 U	82	16	1 U	321
MW-102A	11/27/09		1 U	96	1 U	3.5	190	5.3	1 U	1 U	89	18	1 U	402
MW-102A	06/28/10	Dilution	2 U	80	2 U	2.7	170	5.3	2 U	2 U	62	15	2 U	335

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-102A	11/26/10	Dilution	2 U	99	2 U	3	200	5.3	2 U	2 U	90	20	2 U	417
MW-102A	11/26/10	Fld Dupe	2 U	95	2 U	2.7	200	4.9	2 U	2 U	87	19	2 U	409
MW-102A	06/01/11		1 U	94	1 U	2.2	190	6	1 U	1 U	74	16	1 U	382
MW-102A	12/28/11		1 U	90	1 U	1.9	170	6	5 U	1 U	63	15	1 U	346
MW-102A	06/27/12		1 U	79	1 U	1.4	160	5.1	5 U	1 U	52	13	1 U	311
MW-102A	11/30/12		1 U	82	1 U	1.6	160	5.7	5 U	1 U	59	14	1 U	322
MW-102A	06/10/13		1 U	40	1 U	0.63 J	70	2.6	5 U	0.57 J	19	5.9	1 U	139
MW-102A	12/18/13		1 U	58	1 U	0.77 J	100	4	5 U	1 U	27	7	1 U	197
MW-102A	06/13/14		1 U	44	1 U	0.46 J	65	2.7	5 UB	1 U	15	4.4	1 U	132
MW-102A	11/24/14		1 U	2.5	0.61 J	1 U	3.4	1 U	5 U	1 U	1 U	1 U	1.3	8
MW-102A	06/15/15		1 U	24	1 U	1 U	38	1.6	5 U	1 U	6.8	2.6	1 U	73
MW-102A	11/11/15		1 U	45	1 U	0.39 J	76	3.4	0.3 J	1 U	15	5.8	1 U	146
MW-102A	06/28/16		1 U	47	1 U	0.52 J	81	3.1	5 U	1 U	14	5.2	1 U	151
MW-102A	11/26/16		1 U	60	1 U	0.49 J	100	4.1	5 U	1 U	18	7	1 U	190
MW-102A	11/26/16	Fld Dupe	1 U	61	1 U	0.52 J	110	4.2	5 U	1 U	19	7.2	1 U	202
MW-102B	09/28/93		1 U	1 U	1 U	1 U	1 U	1 U	3	1 U	1 U	1 U		3
MW-102B	05/20/99		1 U	0.99	0.63	0.32	2.1	1 U	2 U	1.1	1.4	2.1	1 U	9
MW-102B	10/25/99		1 U	0.93 J	0.66 J	0.4 J	2.7	1 U	2 U	2	5.1	3.7	0.14 J	16
MW-102B	02/16/00		1 U	0.32 J	0.47 J	1 U	0.28 J	1 U	2 U	1 U	1 U	1 U	1 U	1
MW-102B	04/25/00		1 U	0.36 J	0.49 J	1 U	0.48 J	1 U	2 U	1 U	0.2 J	0.09 J	1 U	2
MW-102B	07/26/00		1 U	0.62	0.54	1 U	0.54	1 U	2 U	1 U	1 U	1 U	0.19 J	2
MW-102B	11/16/00		1 U	0.76	1 U	1 U	0.62	1 U	2 U	1 U	1 U	1 U	0.17 J	2
MW-102B	11/16/00	Fld Dupe	1 U	0.74 J	0.6 J	1 U	0.59 J	1 U	2 U	1 U	1 U	1 U	0.16 J	2
MW-102B	04/10/01		1 U	0.71	0.61	1 U	0.71	1 U	2 U	1 U	1 U	1 U	0.11 J	2
MW-102B	10/17/01		1 U	0.83	1 U	1 U	1.2	1 U	2 U	1 U	1 U	1 U	0.13 J	2
MW-102B	04/30/02		1 U	1	0.58	1 U	1.4	0.13	2 U	1 U	1 U	1 U	0.089	3
MW-102B	10/10/02		1 U	2	1 U	1 U	2	1 U	0.6	1 U	1 U	1 U	1 U	5
MW-102B	04/25/03		1 U	1.35	1 U	1 U	2.27	1 U	2 U	1 U	1 U	1 U	1 U	4
MW-102B	12/26/03		1 U	1.64	0.64 J	1 U	2.9	1 U	1 U	1 U	1 U	1 U	1 U	5
MW-102B	04/28/04		1 U	1.73	0.62	1 U	3.2	1 U	2 U	1 U	1 U	1 U	1 U	6
MW-102B	05/02/05		1 U	1.6	0.48	1 U	2.4	1 U	2 U	1 U	1 U	1 U	1 U	4
MW-102B	11/02/05		1 U	1.9	1 U	1 U	3.5	1 U	2 U	1 U	1 U	1 U	1 U	5
MW-102B	06/22/06		1 U	2.3	1 U	1 U	4.3	1 U	2 U	1 U	1 U	1 U	1 U	7

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-102B	11/16/06		1 U	3	1 U	1 U	5	1 U	2 U	1 U	1 U	1 U	1 U	8
MW-102B	10/08/07		1 U	3	0.5	1 U	4	1 U	2 U	1 U	1 U	1 U	1 U	8
MW-102B	05/19/08		1 U	4	1 U	1 U	6	1 U	2 U	1 U	1 U	1 U	1 U	10
MW-102B	11/26/08		1 U	2.8	0.66 J	1 U	5.11	0.28 J	1 U	1 U	1 U	1 U	0.18 J	9
MW-102B	06/11/09		1 U	3.2	0.65 J	1 U	5	1 U	1 U	1 U	1 U	1 U	1 U	9
MW-102B	11/27/09		1 U	3.5	0.56 J	1 U	5.6	1 U	1 U	1 U	1 U	1 U	1 U	10
MW-102B	06/28/10		1 U	3	0.69 J	1 U	4.4	1 U	1 U	1 U	1 U	1 U	1 U	8
MW-102B	11/26/10		1 U	2.9	0.67 J	1 U	5	1 U	1 U	1 U	1 U	1 U	1 U	9
MW-102B	06/01/11		1 U	2.8	1 U	1 U	4	1 U	1 U	1 U	1 U	1 U	1 U	7
MW-102B	12/28/11		1 U	2.8	1 U	1 U	4.1	1 U	5 U	1 U	1 U	1 U	0.32 J	7
MW-102B	06/27/12		1 U	2.7	1 U	1 U	3.8	1 U	5 U	1 U	1 U	1 U	0.32 J	7
MW-102B	06/27/12	Fld Dupe	1 U	2.7	1 U	1 U	3.9	1 U	5 U	1 U	1 U	1 U	0.31 J	7
MW-102B	11/30/12		1 U	2.8	0.52 J	1 U	4.6	1 U	5 U	1 U	1 U	1 U	0.43 J	8
MW-102B	06/05/13		1 U	2.7	1 U	1 U	3.5	1 U	5 U	1 U	1 U	1 U	0.52 J	7
MW-102B	12/18/13		1 U	60	1 U	0.81 J	110	4.2	5 U	1 U	28	7.4	1 U	210
MW-102B	06/13/14		1 U	2.8	0.64 J	1 U	3.5	1 U	5 UB	1 U	1 U	1 U	0.92 J	8
MW-102B	11/24/14		1 U	2.6	0.8 J	1 U	3.5	1 U	5 U	1 U	1 U	1 U	1.2	8
MW-102B	06/15/15		1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1 U	0
MW-102B	11/11/15		1 U	1.1	0.24 J	1 U	1.5	1 U	5 U	1 U	1 U	1 U	1.1	4
MW-102B	06/28/16		1 U	1.6	0.31 J	1 U	2.1	1 U	5 U	1 U	1 U	1 U	1.3	5
MW-102B	11/26/16		1 U	1.6	0.44 J	1 U	2.5	1 U	5 U	1 U	1 U	1 U	1.9	6
MW-102C	09/28/93		12 U	160	12 U	68	140	12 U	55	44	160	140		767
MW-102C	05/20/99		2.5	180	4	59	390	10 U	20 U	33	170	140	10 U	979
MW-102C	10/25/99		3 J	210	25 U	78	460	25 U	50 U	46	250	170	25 U	1217
MW-102C	02/16/00		0.66 J	32	0.91 J	12	61 E	0.57 J	0.38 J	5.9	60 E	26	2 U	199
MW-102C	02/16/00	Dilution	0.52 DJ	24 D	5 U	9 D	44 D	5 U	10 U	4.4 DJ	44 D	20 D	5 U	146
MW-102C	04/25/00		0.91 J	44	5 U	5.2	65	0.96 J	10 JB	0.67 J	60	10	5 U	197
MW-102C	07/26/00		0.64	29	0.8	4.5	39	0.41	4 U	0.99	44	8.2	2 U	128
MW-102C	11/16/00		0.32	19	2 U	4.5	28	0.26	4 U	1.1	23	8.3	2 U	84
MW-102C	04/10/01		0.94	48	5 U	2.6	39	5 U	10 U	0.8	90	5.4	5 U	187
MW-102C	10/17/01		0.6	29	4 U	8.9	53	0.39	8 U	3.5	46	17	4 U	158
MW-102C	04/30/02		2.1	110	2.4	40	240	3.3	20 U	19	170	78	10 U	665
MW-102C	10/10/02		5 U	56	5 U	54	87	5 U	10 U	4 J	69	20	1 U	290

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-102C	04/25/03		1.16	83.3 E	1.57	33 E	200 E	4	2 U	16.3	143 E	64.8 E	1 U	547
MW-102C	04/25/03	Dilution	10 U	48.4	10 U	18.6	112	10 U	20 U	7.94 J	73.2	34.9	10 U	295
MW-102C	12/26/03		0.6 J	40.4 E	0.76 J	9.18	69 E	1.04	1 U	1.6	60.2 E	16.3	1 U	199
MW-102C	12/26/03	Dilution	4 U	42.6 D	4 U	9.85 D	79.1 D	4 U	4 U	4 U	59 D	16.2 D	4 U	207
MW-102C	04/28/04		25 U	105	25 U	38.2	278	25 U	50 U	20.9	136	70.4	25 U	649
MW-102C	05/02/05		0.74	69	1.2	0.62	22	1 U	2 U	1.1	110	1.5	1 U	206
MW-102C	11/02/05	Fld Dupe	1 U	18	1 U	5.8	46	1 U	2 U	2.5 H	15	9.9	1 U	97
MW-102C	11/02/05		1 U	3.4	1 U	1.3	7.4	1 U	2 U	1 U	6.4	2.9	1 U	21
MW-102C	06/22/06		1 U	23	1 U	8.4	49	1 U	2 U	4.9	19	15	1 U	119
MW-102C	11/16/06		1 U	69	1.3	10	120	0.97 J	2 U	4	70	23	1 U	298
MW-102C	10/08/07		0.4	60	1	22	170	2	2 U	10	35	34	1 U	334
MW-102C	10/08/07	Fld Dupe	0.5 J	90 D	1	33 D	270 D	4	2 U	16	52 D	51 D	0.6 J	518
MW-102C	05/19/08		10 U	66	10 U	26	210	10 U	21	12	74	37	10 U	446
MW-102C	11/26/08		0.21 J	18.9	0.33 J	5.75	56.6	0.79 J	1 U	2.66	18.4	9.54	1 U	113
MW-102C	06/11/09		0.31 J	36	0.57 J	6.1	99	0.74 J	1 U	0.94 J	23	8.9	1 U	176
MW-102C	11/27/09	Dilution	10 U	210	10 U	59	760	6.7 J	10 U	22	94	74	10 U	1226
MW-102C	06/28/10	Dilution	5 U	160	5 U	53	740	6.8	5 U	18	89	65	5 U	1132
MW-102C	11/26/10	Dilution	10 U	170	3.2 J	51	720	10 U	10 U	21	110	68	10 U	1143
MW-102C	06/01/11	Dilution	5 U	200	5 U	50	870	7	5 U	25	90	63	5 U	1305
MW-102C	12/28/11	Dilution	0.95 J	160	5 U	40	670	5.6	25 U	17	80	47	5 U	1021
MW-102C	06/27/12	Dilution	1.2 J	130	5 U	33	550	4.4 J	25 U	7.3	55	30	5 U	811
MW-102C	11/30/12	Dilution	0.36 J	64	0.54 J	15	200	2	10 U	4.2	41	15	2 U	342
MW-102C	06/05/13	Dilution	0.7 J	150	2 U	36	360	4	6.2 J	10	84	33	0.8 J	685
MW-102C	12/18/13	Dilution	0.75 J	120	1.1 J	31	270	4	5 UB	7.3	78	24	0.58 J	537
MW-102C	12/18/13	Fld Dupe	0.65 J	160	1.1 J	37	300	4.4	7.1 J	8.2	77	28	1 J	624
MW-102C	06/13/14		1 U	5.3	1 U	0.76 J	6.5	1 U	5 UB	0.4 J	1.2	0.6 J	1 U	15
MW-102C	11/24/14		1 U	1	1 U	1 U	1.4	1 U	5 U	1 U	0.26 J	1 U	1 U	3
MW-102C	06/15/15		1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	0.29 J	1 U	1 U	0
MW-102C	11/11/15		1 U	2	1 U	1 U	1 U	1 U	0.48 J	0.31 J	10	1 U	1 U	13
MW-102C	06/28/16		1 U	3.6	1 U	0.7 J	2.4	1 U	5 U	1.1	9.1	1.4	1 U	18
MW-102C	11/27/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-113A	10/08/93		7 U	92	7 U	33	110	7 U	14 U	7 U	140	56		431

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-113A	05/03/99		0.9	34	0.4	10	52	1.2	2 U	1.9	59	24	1 U	183
MW-113A	11/10/99		2.3 J	100	10 U	27	160	2.4 J	20	3.2 J	160	69	10 U	544
MW-113A	02/15/00		2.1 J	91	10 U	16	160	5.7 J	20 U	2.9 J	160	71	10 U	509
MW-113A	04/24/00		2.1 JB	92	10 U	5.1 J	160	13	20 JB	2.4 J	160	61	10 U	516
MW-113A	07/27/00		2.3	86	10 U	4	110	7.5	20 U	10 U	130	22	1 U	362
MW-113A	11/16/00		2.3	130	10 U	9.4	200	12	20 U	2.1	170	62	10 U	588
MW-113A	04/12/01		2.4	10	10 U	210	210	15	20 U	3.7	200	81	10 U	732
MW-113A	10/31/01		2.8	110	10 U	3	240	22	20 U	3.3	200	75	10 U	656
MW-113A	04/29/02		2.5	100	10 U	1.5	200	23	20 U	4.5	200	70	10 U	602
MW-113A	10/18/02		20 U	190	20 U	240	430	20 U	40 U	20 U	370	140	1 U	1370
MW-113A	04/23/03		2.84	139 E	1 U	27.6 E	371 E	18.2	2 U	8.11	306 E	126 E	1 U	999
MW-113A	04/23/03	Dilution	25 U	121	25 U	33.9	325	25 U	50 U	25 U	245	101	25 U	826
MW-113A	12/28/03		2.93	140 E	1.38	38.3 E	345 E	10.4	1 U	9.72	309 E	124 E	1 U	981
MW-113A	12/28/03	Dilution	20 U	109 D	20 U	31.4 D	318 D	20 U	20 U	20 U	232 D	92.9 D	20 U	783
MW-113A	04/28/04		25 U	123	25 U	32.4	360	25 U	50 U	25 U	239	89.1	25 U	844
MW-113A	04/28/04	Fld Dupe	3.09	123	1.6	35.9	371	37.9 E	2 U	10.3	240	96.8	1 U	920
MW-113A	05/21/05		5 U	140	5 U	45	410	5.7	10 U	8.1	260	100	5 U	969
MW-113A	10/20/05		2.6	110	1 U	22	330	17	2 U	8	210	82	1 U	782
MW-113A	05/08/06		2.3	110	1 U	32	470	9.1	20 U	10	270	93	1 U	996
MW-113A	01/04/07		10 U	110	10 U	27	430	10 U	20 U	10	210	10	10 U	797
MW-113A	10/08/07		2	150	1	46	480	15	2 U	10	260	110	1 U	1074
MW-113A	05/17/08		20 U	160	20 U	54	510 E	20 U	41	20 U	280	130	20 U	1175
MW-113A	05/17/08	Dilution	40 U	140 D	40 U	48 D	470 D	40 U	80 U	40 U	250 D	110 D	40 U	1018
MW-113A	11/29/08	Dilution	2.2 J	135	1.5 J	7.25	369	40.6	1.7 J	10.5	210	98.6	5 U	876
MW-113A	06/11/09	Dilution	2.6 J	110	5 U	21	370	15	5 U	10	180	85	5 U	794
MW-113A	11/28/09	Dilution	1.5 J	110	2.5 U	1.7 J	290	44	2.5 U	12	170	84	2.5 U	713
MW-113A	06/29/10	Dilution	1.1 J	88	1 J	3.3	240	30	0.85 J	12	130	76	2.5 U	582
MW-113A	11/28/10	Dilution	0.95 J	85	0.7 J	17	250	11	2.5 U	12	110	67	2.5 U	554
MW-113A	06/01/11		0.96 J	88	1 U	2.4	90	14	1 U	13	120	57	1 U	385
MW-113A	12/29/11		1.1	95	1 U	16	50	4.3	5 U	13	130	46	1 U	355
MW-113A	06/25/12		1.1	100	1 U	14	48	5.3	5 U	13	140	48	1 U	369
MW-113A	11/24/12		1.2	110	1 U	14	43	4.4	5 U	13	140	45	1 U	371
MW-113A	06/04/13		1.2	120	1 U	26	40	3.9	5 U	13	160	45	1 U	409
MW-113A	11/30/13		1.2	140	1 U	33	37	4.4	5 UB	13	160	51	1 U	440

**Table 2: Southeast Rockford Groundwater Contamination Site  
Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-113A	06/14/14		1.3	140	1 U	32	32	4.5	5 UB	14	160	49	1 U	433
MW-113A	11/24/14		1.3	140	1 U	18	31	5.2	5 U	11	140	50	1 U	397
MW-113A	06/07/15		1.3	140	1 U	30	30	4.6	5 UB	15	170	51	1 U	442
MW-113A	11/10/15		1.2	120	1 U	14	25	4.4	0.77 J	15	130	47	1 U	357
MW-113A	06/28/16		1.2	120	1 U	23	22	4	5 U	13	140	44	1 U	367
MW-113A	11/16/16		1.1	120	1 U	25	21	4	5 U	14	130	43	1 U	358
MW-113B	10/19/93		2 U	14	2 U	4	12	2 U	3 U	2 U	6	6		42
MW-113B	04/29/99		0.54	33	0.56	12	38	0.65	2 U	1.8	17	19	1 U	123
MW-113B	10/27/99		0.45 J	33	5 U	8.4	39	0.55 J	10 U	1.3 J	13	20	5 U	116
MW-113B	02/15/00		0.65 J	48	5 U	11	62	0.83 J	10 U	1.4 J	27	30	5 U	181
MW-113B	04/24/00		0.61 JB	43	5 U	11	56	0.98 J	10 JB	1.2 J	21	26	5 U	170
MW-113B	07/27/00		0.71	38	0.6	9.4	49	0.91	10 U	0.89	17	20	5 U	137
MW-113B	11/16/00		0.63	55	5 U	11	62	1.3	10 U	1.4	22	27	5 U	180
MW-113B	04/12/01		0.56	40	5 U	8.9	53	1	10 U	5 U	17	20	5 U	140
MW-113B	10/31/01		0.64	50	5 U	12	67	1.1	10 U	5 U	24	29	5 U	184
MW-113B	04/29/02		0.6	39	5 U	9.8	60	0.97	10 U	1.3	19	23	5 U	154
MW-113B	10/18/02		10 U	84	10 U	88	120	10 U	5	10 U	39	42	1 U	378
MW-113B	04/23/03	Dilution	10 U	58.6	10 U	17.4	115	10 U	20 U	10 U	45.6	41.9	10 U	279
MW-113B	04/23/03		1.05	77.3 E	1 U	23.3	143 E	6.06	2 U	3.77	65.8 E	55.8 E	2.2	378
MW-113B	12/28/03		0.97 J	71.3 E	1 U	21.4	134 E	4.01	1 U	3.72	53.4 E	52.1 E	1.24	342
MW-113B	12/28/03	Dilution	10 U	65.1 D	10 U	19.1 D	129 D	10 U	10 U	10 U	43.1 D	45.9 D	10 U	302
MW-113B	04/28/04		10 U	70	10 U	19.8	143	10 U	20 U	10 U	44.9	42.7	10 U	320
MW-113B	05/21/05		1 U	64	1 U	19	140	1.8	2 U	2.9	39	39	4.8	311
MW-113B	10/20/05		1 U	78	1 U	22	170	1.9	2 U	3.8	45	47	1 U	368
MW-113B	05/08/06		1 U	64	1 U	21	140	1.9	2 U	3.6	33	37	9.2	310
MW-113B	01/04/07		1 U	61	1 U	20	120	1.7	2 U	3	30	38	1.4	275
MW-113B	10/08/07		0.5	56	0.6	17	120	2	2 U	3	21	30	15	265
MW-113B	05/17/08		10 U	66	10 U	19	140	10 U	19 J	10 U	25	34	17	320
MW-113B	11/29/08		0.71 J	71.3	0.92 J	20.4	169	2.15	1 U	3.49	28.8	41.5	6.2	344
MW-113B	06/11/09		0.73 J	71	0.87 J	19	180	2.2	1 U	3.6	29	42	6.9	355
MW-113B	11/28/09		0.69 J	77	0.76 J	22	190	2.5	1 U	3.9	31	41	8	377
MW-113B	06/29/10	Dilution	2 U	63	2 U	19	150	2.7	2 U	3	19	33	9	299

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-113B	11/28/10	Dilution	2 U	67	0.8 J	19	160	3	2 U	4.2	26	37	8.8	326
MW-113B	06/01/11		0.46 J	66	0.61 J	18	140	2.3	1 U	4.1	23	36	11	301
MW-113B	12/29/11		0.42 J	59	0.63 J	16	100	2	5 U	3.9	19	30	8.9	240
MW-113B	06/25/12		0.48 J	60	1 U	14	98	1.9	5 U	3.6	17	28	9.4	232
MW-113B	11/24/12		0.34 J	59	0.46 J	14	78	1.8	5 U	3.7	18	26	7.5	209
MW-113B	06/04/13		0.27 J	55	1 U	12	58	1.4	5 U	2.5	12	20	12	173
MW-113B	11/30/13		0.3 J	53	0.36 J	12	56	1.4	5 U	2.7	11	21	9.6	167
MW-113B	06/14/14		0.28 J	63	0.42 J	14	52	1.7	5 UB	2.8	13	19	12	178
MW-113B	11/24/14		0.4 J	66	0.52 J	15	55	2.2	5 U	2.1	13	22	13	189
MW-113B	06/07/15		0.29 J	71	0.45 J	14	49	1.8	5 UB	3	12	22	11	185
MW-113B	11/10/15		0.26 J	61	0.38 J	13	42	1.8	0.56 J	2.2	12	20	12	165
MW-113B	06/28/16		1 U	53	0.35 J	11	32	1.4	5 U	1.7	7.7	15	9.5	132
MW-113B	11/16/16		1 U	63	0.4 J	13	38	1.7	5 U	2.3	11	18	9.7	157
MW-114A	10/05/93		1 U	2	1 U	4	5	1 U	2 U	1 U	6	2		19
MW-114A	04/28/99		5 U	6.7	5 U	46	14	5 U	10 U	1.9 J	250	34	5 U	353
MW-114A	10/26/99		0.34 J	7.1 J	25 U	48	11 J	25 U	50 U	25 U	290	47	25 U	403
MW-114A	01/31/00		10 U	5 J	10 U	34	6.6 J	10 U	1.5 J	10 U	220	33	10 U	300
MW-114A	04/24/00		10 U	4.2 J	10 U	26	5.6 J	10 U	20 JB	10 U	160	24	10 U	240
MW-114A	07/27/00		10 U	3.9	10 U	24	5.4	10 U	20 U	10 U	140	22	10 U	195
MW-114A	11/13/00		10 U	4.2	10 U	20	4.7	10 U	20 U	10 U	120	19	10 U	168
MW-114A	04/12/01		5 U	2.7	5 U	18	3.9	5 U	10 U	5 U	120	20	5 U	165
MW-114A	10/31/01		5 U	2.5	5 U	15	3.6	5 U	10 U	5 U	100	18	5 U	139
MW-114A	04/25/02		5 U	3.1	5 U	16	4.1	5 U	10 U	5 U	100	22	5 U	145
MW-114A	04/25/02	Fld Dupe	5 U	3.1 J	5 U	16	4 J	5 U	10 U	5 U	100	22	5 U	145
MW-114A	10/15/02		10 U	10 U	10 U	140	7	10 U	20 U	10 U	170	38	1 U	355
MW-114A	04/23/03		1 U	3.28	1 U	13.4	4.09	1 U	2 U	1 U	94.6 E	23.5	1 U	139
MW-114A	04/23/03	Dilution	10 U	10 U	10 U	12.9	10 U	10 U	20 U	10 U	80.2	20.8	10 U	114
MW-114A	12/26/03		1 U	2.86	1 U	9.96	3.62	1 U	1 U	1 U	73.9 E	16.3	1 U	107
MW-114A	12/26/03	Dilution	4 U	2.86 JD	4 U	10.3 D	3.6 JD	4 U	4 U	4 U	70.1 D	15.9 D	4 U	103
MW-114A	04/28/04		5 U	3.69	5 U	12	4.25	5 U	10 U	5 U	79.9	20.8	5 U	121
MW-114A	05/21/05		1 U	2.5	1 U	5.7	3.3	1 U	2 U	1 U	28	7.9	1 U	47
MW-114A	10/20/05		1 U	2.6	1 U	7.2	2.9	1 U	2 U	1 U	39	9.8	1 U	62
MW-114A	05/06/06		1 U	3.4	1 U	9.4	3.7	1 U	2 U	1 U	44	12	1 U	73

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-114A	01/04/07		1 U	3.5	1 U	11	3.3	1 U	2 U	1 U	51	9.6	1 U	78
MW-114A	10/08/07		1 U	2	1 U	7	2	1 U	2 U	2 U	34	5	1 U	50
MW-114A	05/17/08		2 U	2	2 U	5	3	2 U	3 J	2 U	28	4	2 U	45
MW-114A	11/29/08		1 U	0.28 J	1 U	1 U	1 U	1 U	1 U	1 U	1.09	1 U	1 U	1
MW-114A	06/11/09		0.16 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 J	1 U	1 U	1
MW-114A	11/28/09		0.46 J	1.9	1 U	3.9	1.3	1 U	1 U	1 U	36	2.7	1 U	46
MW-114A	06/25/10		1 U	3.2	1 U	6.6	2.2	1 U	1 U	1 U	70	4.4	1 U	86
MW-114A	11/27/10		1 U	2.8	1 U	8.5	2.1	1 U	1 U	1 U	65	4.7	1 U	83
MW-114A	06/01/11		1 U	4.2	1 U	10	2.9	1 U	1 U	1 U	85	5.5	1 U	108
MW-114A	12/28/11		1 U	3.6	1 U	9.1	2.6	1 U	5 U	0.18 J	65	4.1	1 U	85
MW-114A	06/27/12		0.21 J	4.3	1 U	5.6	3	1 U	5 U	1 U	71	4.2	1 U	88
MW-114A	11/24/12		1 U	2.9	1 U	1.6	2.4	0.22 J	5 U	1 U	27	1.8	1 U	36
MW-114A	06/07/13		1 U	5.5	1 U	11	4.3	1 U	5 U	1 U	82	4.7	1 U	108
MW-114A	12/19/13		1 U	3.1	1 U	5.8	2.7	1 U	5 U	0.19 J	43	2.3	1 U	57
MW-114A	06/14/14		1 U	6.3	1 U	5.5	4.8	1 U	5 UB	0.23 J	52	3.1	1 U	72
MW-114A	11/24/14		1 U	4.6	1 U	4.9	4.1	1 U	5 U	0.27 J	38	3.1	1 U	55
MW-114A	06/13/15		1 U	5.6	1 U	5.7	5.1	1 U	5 U	0.27 J	38	2.7	1 U	57
MW-114A	11/11/15		1 U	6.5	1 U	4.7	5.3	0.33 J	0.39 J	0.31 J	45	3.2	1 U	66
MW-114A	06/28/16		1 U	3.5	1 U	4.1	2.3	1 U	5 U	0.27 J	27	1.9	1 U	39
MW-114A	11/27/16		1 U	6.5	1 U	7.1	4	1 U	5 U	0.36 J	47	2.9	1 U	68
<hr/>														
MW-114B	10/04/93		2 U	14	2 U	4	12	2 U	3 U	2 U	6	6		42
MW-114B	04/28/99		1 U	0.89	1 U	0.6	3.3	1 U	2 U	1	4	6.2	1 U	16
MW-114B	10/26/99		1 U	1	1 U	0.46 J	3.3	1 U	2 U	0.66 J	1.2	8.2	1 U	15
MW-114B	01/31/00		1 U	0.81 J	1 U	0.18 J	2.3	1 U	2 U	1 U	1 U	5.7	1 U	9
MW-114B	04/24/00		1 U	0.68 J	1 U	0.11 J	1.7	1 U	2 JB	1 U	0.05 J	1.8	1 U	6
MW-114B	07/27/00		1 U	1	1 U	0.26	3	1 U	2 U	1 U	1 U	7.9	1 U	12
MW-114B	07/27/00	Fld Dupe	1 U	1	1 U	0.26 J	3	1 U	2 U	1 U	1 U	7.5	1 U	12
MW-114B	11/13/00		1 U	1.2	1 U	0.13	2.4	1 U	2 U	1 U	1 U	3.5	1 U	7
MW-114B	04/12/01		1 U	0.98	1 U	0.26	2.9	1 U	2 U	1 U	1 U	8.2	1 U	12
MW-114B	10/31/01		1 U	0.96	1 U	0.13	2.2	1 U	2 U	1 U	1 U	4.8	1 U	8
MW-114B	04/25/02		1 U	1.1	1 U	0.29	3	0.04	2 U	1 U	1 U	7.2	1 U	12
MW-114B	10/15/02		1 U	2	3	1	3	1 U	0.6	1 U	1 U	9	1 U	19
MW-114B	04/23/03		1 U	1.15	1 U	1 U	2.84	1 U	2 U	1 U	1 U	8.8	1 U	13

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-114B	12/26/03		1 U	1.25	1 U	1.07	2.98	1 U	1 U	1 U	1 U	8.91	1 U	14
MW-114B	04/28/04		1 U	1.21	1 U	1 U	2.87	1 U	2 U	1 U	1 U	8.82	1 U	13
MW-114B	05/21/05		1 U	1.5	1 U	1 U	2.3	1 U	2 U	1 U	1 U	7.6	1 U	11
MW-114B	10/20/05		1 U	1.6	1 U	1 U	2.3	1 U	2 U	1 U	1 U	8.8	1 U	13
MW-114B	05/06/06		1 U	1 U	1 U	1 U	2.1	1 U	2 U	1 U	1 U	8.7	1 U	11
MW-114B	01/04/07		1 U	1.4	1 U	1 U	1.8	1 U	2 U	1 U	1 U	6.7	1 U	10
MW-114B	01/04/07	Fld Dupe	1 U	1.6	1 U	1 U	1.8	1 U	2 U	1 U	1 U	6.4	1 U	10
MW-114B	10/08/07		1 U	2	1 U	0.5	2	1 U	2 U	1 U	1 U	6	1 U	11
MW-114B	05/17/08		1 U	2	1 U	1 U	2	1 U	2 U	1 U	1 U	9	1 U	13
MW-114B	12/18/08		1 U	1.6	1 U	0.67 J	2	1 U	1 U	1 U	1 U	6.8	1 U	11
MW-114B	06/20/09		1 U	1.8	1 U	0.67 J	2.2	1 U	1 U	1 U	1 U	6.5	1 U	11
MW-114B	11/28/09		1 U	2.2	1 U	1	2	1 U	1 U	1 U	1 U	6.7	1 U	12
MW-114B	11/28/09	Fld Dupe	1 U	2.4	1 U	0.93 J	1.9	1 U	1 U	1 U	1 U	6.8	1 U	12
MW-114B	06/25/10		1 U	2.1	1 U	0.84 J	2	1 U	1 U	1 U	1 U	6.3	1 U	11
MW-114B	06/25/10	Fld Dupe	1 U	2	1 U	0.81 J	1.9	1 U	1 U	1 U	1 U	6.3	1 U	11
MW-114B	11/27/10		1 U	1.8	1 U	1	2.3	1 U	1 U	1 U	1 U	7.8	1 U	13
MW-114B	06/01/11		1 U	1.6	1 U	1 U	2.1	1 U	1 U	1 U	1 U	7.7	1 U	11
MW-114B	06/01/11	Fld Dupe	1 U	1.6	1 U	1 U	2.1	1 U	1 U	1 U	1 U	7.4	1 U	11
MW-114B	12/28/11		1 U	1.3	1 U	0.54 J	2.2	1 U	5 U	1 U	1 U	6.7	1 U	11
MW-114B	06/28/12		1 U	1.1	1 U	1 U	1.8	1 U	5 U	1 U	1 U	6.5	1 U	9
MW-114B	06/28/12	Fld Dupe	1 U	1.1	1 U	0.41 J	1.8	1 U	5 U	1 U	1 U	6.7	1 U	10
MW-114B	11/24/12		1 U	1.3	1 U	0.44 J	1.9	1 U	5 U	1 U	1 U	6.1	1 U	10
MW-114B	11/24/12	Fld Dupe	1 U	1.3	1 U	0.38 J	1.8	1 U	5 U	1 U	1 U	5.8	1 U	9
MW-114B	06/07/13		1 U	1.2	1 U	1 U	1.9	1 U	5 U	1 U	1 U	6.9	1 U	10
MW-114B	06/14/14		1 U	1.5	1 U	1 U	1.5	1 U	5 UB	1 U	1 U	4.9	1 U	8
MW-114B	06/14/14	Fld Dupe	1 U	1.4	1 U	1 U	1.5	1 U	5 UB	1 U	1 U	4.6	1 U	8
MW-114B	11/24/14		1 U	1.4	1 U	1 U	1	1 U	5 U	0.28 J	0.24 J	4	1 U	7
MW-114B	06/13/15		1 U	2.2	1 U	0.67 J	1.7	1 U	5 U	0.53 J	1	5.6	1 U	12
MW-114B	06/13/15	Fld Dupe	1 U	2.1	1 U	0.69 J	1.7	1 U	5 UB	0.56 J	0.99 J	5.6	1 U	12
MW-114B	11/11/15		1 U	1.9	1 U	0.58 J	1.6	1 U	0.67 J	0.52 J	0.47 J	5.4	1 U	11
MW-114B	06/28/16		1 U	1.6	1 U	0.46 J	1.4	1 U	5 U	1 U	1 U	3.8	1 U	7
MW-114B	06/28/16	Fld Dupe	1 U	1.6	1 U	0.34 J	1.5	1 U	5 U	1 U	1 U	4	1 U	7
MW-114B	11/27/16		1 U	1.9	1 U	0.46 J	1.5	1 U	5 U	1 U	1 U	4.6	1 U	8

**Table 2: Southeast Rockford Groundwater Contamination Site  
Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-117B	10/04/93		0.6	1 U	1 U	1 U	1	1 U	2 U	4	2	5		13
MW-117B	04/22/99		0.72	7.3	0.54	14	16	1 U	2 U	3.1	83	21	1 U	146
MW-117B	10/18/99		0.58 J	7.7	5 U	14	17	5 U	10	1.3 J	68	17	5 U	136
MW-117B	01/26/00		0.36 J	8	5 U	9.5	18	5 U	10	1.9 J	59	22	5 U	129
MW-117B	04/17/00		0.39 J	8.1	0.42 J	11	19	2 U	4 JB	1.6 J	49	19	0.07 J	113
MW-117B	07/24/00		0.49	6.6	2 U	9.6	15	2 U	4 U	1.7	42	17	2 U	92
MW-117B	11/07/00		0.42	10	2 U	11	18	2 U	4 U	1.7	37	19	2 U	97
MW-117B	04/09/01		0.37	5.8	2 U	7.3	13	0.25	4 U	1.8	28	17	2 U	74
MW-117B	10/15/01		0.35	7.1	2 U	7.5	16	2 U	4 U	1.3	23	16	2 U	71
MW-117B	04/16/02		0.3	5.9	0.22	7.3	15	0.2	2 U	1.7	22	16	1 U	69
MW-117B	10/07/02		5 U	8	5 U	54	20	5 U	10 U	3	25	16	1 U	126
MW-117B	04/22/03		1 U	7.55	1 U	10.4	20.1	0.61 J	2 U	2.31	23.1	18.4	1 U	82
MW-117B	12/22/03		0.99 J	5.96	1 U	9.38	18.7	0.53 J	1 U	2.25	21.8	16.9	1 U	77
MW-117B	04/28/04		0.73	3.77	1 U	4.76	11.5	1 U	2 U	2	13.5	11.5	1 U	48
MW-117B	05/21/05		1 U	4.5	1 U	5.7	13	1 U	2 U	1.6	11	9.4	1 U	45
MW-117B	10/19/05		1 U	4.7	1 U	5.6	14	1 U	2 U	1.8	12	9.3	1 U	47
MW-117B	06/28/06		1 U	21	1 U	23	70	1 U	2 U	24	56	23	1 U	217
MW-117B	11/21/06		1 U	3.6	1 U	4	11	1 U	2 U	2.1	12	11	1 U	44
MW-117B	10/06/07		0.4	6	1 U	8	8	1 U	2 U	2	16	12	1 U	52
MW-117B	05/17/08		1 U	8	1 U	11	11	1 U	2 U	3	25 E	16	1 U	74
MW-117B	05/17/08	Dilution	2 U	7 D	2 U	10 D	9 D	2 U	4 U	3 D	22 D	14 D	2 U	65
MW-117B	11/28/08		0.38 J	7.91	1 U	8.73	8.11	1 U	1 U	4.99	24	15.8	1 U	70
MW-117B	06/09/09		0.49 J	11	1 U	12	7.9	1 U	1 U	4.5	31	17	1 U	84
MW-117B	11/24/09		0.42 J	8.5	1 U	9	5.1	1 U	1 U	5.3	24	15	1 U	67
MW-117B	06/24/10		0.32 J	12	1 U	12	6	1 U	1 U	6.5	37	17	1 U	91
MW-117B	11/24/10		0.31 J	11	1 U	8.1	4.6	1 U	1 U	8.4	31	19	1 U	82
MW-117B	05/31/11		1 U	4.7	1 U	3.9	2.2	1 U	1 U	7.8	13	10	1 U	42
MW-117B	12/22/11		0.29 J	8.7	1 U	4.5	1.8	1 U	5 U	6.7	11	8.7	1 U	42
MW-117B	06/26/12		0.3 J	5.9	1 U	2.6	0.77 J	1 U	5 U	5.9	7.8	5.7	1 U	29
MW-117B	11/25/12		0.35 J	10	1 U	3	1.1	1 U	5 U	5.7	10	6	1 U	36
MW-117B	05/30/13		0.27 J	3	1 U	1.6	0.6 J	1 U	5 U	5.2	4.4	3.7	1 U	19
MW-117B	11/29/13		0.39 J	8.4	1 U	3.1	0.9 J	1 U	5 U	5.5	7.4	4.9	1 U	31
MW-117B	06/05/14		0.21 J	4	1 U	1.9	0.55 J	1 U	5 U	5.4	5	3.6	1 U	21

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-117B	11/21/14		0.3 J	11	1 U	3.7	0.82 J	1 U	5 U	4.8	7.9	4.4	1 U	33
MW-117B	06/08/15		0.31 J	11	1 U	4.4	1.2	1 U	5 UB	5.5	9	6.2	1 U	38
MW-117B	11/09/15		1 U	16	1 U	7.7	1.7	1 U	0.37 J	7	27	9.5	1 U	69
MW-117B	06/27/16		0.24 J	16	1 U	8.7	1.6	1 U	5 U	10	32	10	1 U	79
MW-117B	11/11/16		0.27 J	16	1 U	7.5	1.5	1 U	5 U	11	29	11	1 U	76
MW-117C	10/04/93		2 U	17	2 U	13	23	2 U	5 U	2 U	50	75		178
MW-117C	04/22/99		0.77	54	2.3	44	69	2 U	4 U	6	75	36	0.79 J	288
MW-117C	10/18/99		5 U	60	5 U	53	82	5 U	10 U	7.5	94	40	0.96 J	337
MW-117C	02/16/00		0.82 J	61	5 U	53	94	0.5 J	0.8 J	9.7	93	41	0.9 J	355
MW-117C	04/18/00		0.79 J	54	2.2 J	49	94	0.6 J	10 JB	10	91	39	0.82 J	351
MW-117C	07/24/00		1	55	2.4	48	99	1.1	10 U	8.7	89	38	0.63 J	343
MW-117C	11/07/00		0.79	69	2.4	50	100	5 U	10 U	8.8	78	34	0.74 J	344
MW-117C	04/09/01		0.84	57	2.3	59	120	0.82	10 U	12	99	42	0.72 J	394
MW-117C	10/15/01		0.81	48	5 U	45	110	0.44	10 U	11	74	32	0.67 J	322
MW-117C	04/16/02		0.75	41	1.6	469	120	0.74	0.3	16	82	34	0.42 J	766
MW-117C	10/07/02		20 U	59	20 U	330	150	20 U	32	22	110	42	0.6 J	746
MW-117C	04/22/03		0.85 J	43.6 E	1.35	63.6 E	134 E	1.71	2 U	27.1 E	113 E	48 E	0.67 J	434
MW-117C	04/22/03	Dilution	10 U	40	10 U	58.2	123	10 U	20 U	23.1	93	44.3	10 U	382
MW-117C	12/22/03		0.82 J	39.6 E	1.01	55.8 E	126 E	2.07	1 U	27.5 E	104 E	46.4 E	1 U	403
MW-117C	12/22/03	Dilution	10 U	33.1 D	10 U	43.3 D	107 D	10 U	10 U	19.9 D	78.2 D	34.8 D	10 U	316
MW-117C	04/28/04		10 U	30.5	10 U	37	97.3	10 U	20 U	20.3	66.4	30.1	10 U	282
MW-117C	05/21/05		1 U	28	1 U	34	91	1 U	2 U	22	59	27	1 U	261
MW-117C	10/19/05		1 U	25	1 U	29	84	1 U	2 U	20	54	26	1 U	238
MW-117C	05/06/06		1 U	25	1 U	26	91	1 U	2 U	21	50	26	1 U	239
MW-117C	11/21/06		1 U	41	1 U	46	140	1 U	2 U	36	100	44	1 U	407
MW-117C	10/06/07		0.5	24	0.3	30	88	0.9	2 U	24	60	26	1 U	254
MW-117C	05/17/08		5 U	28	5 U	33	99	5 U	10	30	72	30	5 U	302
MW-117C	11/28/08		0.55 J	24.1	0.26 J	25.6	85.9	0.31 J	1 U	26.5	57.1	23.1	1 U	243
MW-117C	06/09/09		0.51 J	24	0.23 J	25	70	0.33 J	1 U	26	58	23	1 U	227
MW-117C	11/24/09		0.48 J	23	1 U	24	57	1 U	1 U	26	51	21	1 U	202
MW-117C	06/24/10		0.42 J	24	1 U	23	40	0.24 J	1 U	28	51	20	1 U	187
MW-117C	11/24/10		0.38 J	22	1 U	22	34	1 U	1 U	27	53	21	1 U	179
MW-117C	05/31/11		0.45 J	25	1 U	21	24	1 U	1 U	27	47	19	1 U	163

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-117C	12/22/11		0.38 J	23	1 U	17	13	1 U	5 U	25	37	17	1 U	132
MW-117C	06/26/12		0.4 J	25	1 U	17	14	1 U	5 U	23	37	15	1 U	131
MW-117C	11/25/12		0.35 J	29	1 U	17	7.4	1 U	5 U	22	36	14	1 U	126
MW-117C	05/30/13		1 U	33	1 U	14	12	1 U	5 U	16	27	10	1 U	112
MW-117C	11/29/13		1 U	34	1 U	13	4.7	1 U	5 U	23	23	13	1 U	111
MW-117C	06/05/14		0.32 J	38	1 U	13	4.6	0.28 J	5 U	24	26	14	1 U	120
MW-117C	11/21/14		0.29 J	39	1 U	13	4.5	1 U	5 U	22	25	12	1 U	116
MW-117C	06/08/15		0.25 J	55	1 U	12	3.8	0.19 J	5 UB	21	19	12	1 U	123
MW-117C	11/09/15		0.26 J	50	1 U	11	3	0.31 J	0.49 J	18	24	11	1 U	118
MW-117C	06/27/16		0.24 J	44	1 U	11	2.1	1 U	5 U	16	23	8.8	1 U	105
MW-117C	11/11/16		0.29 J	46	1 U	11	2.2	1 U	5 U	15	24	9.4	1 U	108
<hr/>														
MW-117D	04/22/99		0.74	46	2	50	110	2 U	4 U	17	110	38	2 U	374
MW-117D	10/18/99		10 U	39	10 U	44	110	10 U	1.5 J	17	97	35	10 U	344
MW-117D	02/17/00		0.8 J	34	1.4 J	41	100	5 U	10 U	19	91	35	0.45 J	323
MW-117D	04/18/00		0.63 J	29	1.1 J	35	90	5 U	10 JB	17	82	32	0.38 J	297
MW-117D	07/24/00		0.85	27	1.2	36	81	5 U	10 U	16	80	35	5 U	277
MW-117D	11/07/00		0.6	37	1	33	87	5 U	10 U	16	71	30	5 U	276
MW-117D	04/09/01		0.65	29	5 U	37	88	0.39	10 U	13	80	31	5 U	279
MW-117D	10/16/01		0.53	23	5 U	25	75	5 U	10 U	17	57	23	5 U	221
MW-117D	04/16/02		0.61	21	5 U	24	72	5 U	10 U	18	58	23	5 U	217
MW-117D	10/07/02		10 U	36	10 U	180	100	10 U	18	24	87	29	1 U	474
MW-117D	04/22/03		0.64 J	29.8 E	0.7 J	43.1 E	95.8 E	1 U	2 U	6.41	78.7 E	32.4 E	1 U	288
MW-117D	04/22/03	Dilution	5 U	28.3	5 U	36.7	83.1	5 U	10 U	4.62 J	64.5	26	5 U	243
MW-117D	12/22/03		0.61 J	28.1 E	1 U	30.4 E	102 E	1 U	1 U	30.1 E	84.2 E	31.2 E	1 U	307
MW-117D	12/22/03	Dilution	5 U	29 D	5 U	32.8 D	110 D	5 U	5 U	29.6 D	85.1 D	31.2 D	5 U	318
MW-117D	04/28/04		5 U	28.6	5 U	37.7	105	5 U	10 U	17.4	75.5	33.2	5 U	297
MW-117D	05/21/05		1 U	20	1 U	24	84	1 U	2 U	21	60	24	1 U	233
MW-117D	10/19/05		1 U	24	1 U	21	73	1 U	2 U	24	58	22	1 U	222
MW-117D	05/06/06		1 U	23	1 U	17	67	1 U	2 U	22	52	20	1 U	201
MW-117D	05/06/06	Fld Dupe	1 U	18	1 U	30	52	1 U	2 U	23	70	33	1 U	226
MW-117D	11/21/06		1 U	27	1 U	22	76	2.1	2 U	31	89	32	1 U	279
MW-117D	10/06/07		0.4	22	0.3	22	71	1	2 U	15	62	29	1 U	223

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-117D	05/17/08		5 U	24	5 U	24	31	5 U	12	30	62	23	5 U	206
MW-117D	11/28/08		0.46 J	23.3	1 U	19.5	23.5	0.27 J	1 U	28.6	58	19.4	1 U	173
MW-117D	06/09/09		0.49 J	25	1 U	18	13	1 U	1 U	30	55	20	1 U	161
MW-117D	11/24/09		0.49 J	29	1 U	19	11	1 U	1 U	28	49	18	1 U	154
MW-117D	06/24/10		0.33 J	28	1 U	16	5.3	0.18 J	1 U	29	46	15	1 U	140
MW-117D	11/24/10		0.34 J	30	1 U	16	5.6	1 U	1 U	29	45	17	1 U	143
MW-117D	05/31/11		1 U	37	1 U	13	5.4	1 U	1 U	26	39	15	1 U	135
MW-117D	12/22/11		0.34 J	38	1 U	10	3.8	1 U	5 U	23	31	13	1 U	119
MW-117D	06/26/12		0.41 J	43	1 U	11	2.8	1 U	5 U	22	33	12	1 U	124
MW-117D	11/25/12		0.32 J	48	1 U	12	3	1 U	5 U	19	34	11	1 U	127
MW-117D	05/30/13		0.31 J	52	1 U	11	2.9	1 U	5 U	17	36	10	1 U	129
MW-117D	11/29/13		0.33 J	51	1 U	12	2.9	1 U	5 UB	18	33	9.9	1 U	127
MW-117D	06/05/14		0.3 J	45	1 U	10	2.6	1 U	5 U	19	34	10	1 U	121
MW-117D	11/22/14		0.28 J	48	1 U	12	2.3	1 U	5 U	18	35	10	1 U	126
MW-117D	06/08/15		0.31 J	47	1 U	10	2.2	0.2 J	5 UB	19	31	9.6	1 U	119
MW-117D	11/09/15		0.28 J	38	1 U	8.6	2	0.2 J	0.66 J	18	27	8.9	1 U	104
MW-117D	06/27/16		1 U	35	1 U	8.6	1.7	1 U	5 U	15	26	8	1 U	94
MW-117D	11/11/16		0.23 J	34	1 U	8.2	1.7	1 U	0.25 J	14	26	8.2	1 U	93
MW-119	10/11/93		12 U	12 U	12 U	12 U	12 U	12 U	25 U	12 U	12 U	12 U		0
MW-119	05/03/99		1 U	1 U	1 U	1 U	0.36	1 U	2 U	0.63	1.8	1	5 U	4
MW-119	10/27/99		0.25 J	0.35 J	1 U	0.28 J	1.4	1 U	2 U	1.4	2.5	2	1 U	8
MW-119	01/26/00		0.19 J	0.21 J	1 U	1 U	1 U	1 U	2 U	0.18 J	0.75 J	0.2 J	1 U	2
MW-119	04/17/00		0.16 J	0.23 J	1 U	1 U	1 U	1 U	2 JB	0.19 J	0.79 J	0.2 J	1 U	4
MW-119	07/25/00		0.12	0.26	1 U	1 U	1 U	1 U	2 U	0.22	0.88	0.21	1 U	2
MW-119	11/08/00		1 U	0.27	1 U	1 U	1 U	1 U	2 U	0.18	0.72	0.18	1 U	1
MW-119	04/10/01		1 U	0.26	1 U	1 U	1 U	1 U	2 U	0.17	0.85	0.19	1 U	1
MW-119	10/16/01		0.1	0.29	1 U	1 U	1 U	1 U	2 U	0.15	0.71	0.16	1 U	1
MW-119	04/30/02		0.1	0.31	1 U	1 U	1 U	1 U	2 U	0.18	0.95	0.17	1 U	2
MW-119	10/17/02		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-119	04/22/03		1.07	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1	1 U	1 U	2
MW-119	12/30/03		7.22	0.67 J	1 U	0.54 J	0.59 J	1 U	1 U	0.72 J	1 U	1 U	1 U	10
MW-119	04/28/04		1.67	0.51	1 U	1 U	1 U	1 U	2 U	1 U	0.62	1 U	1 U	3
MW-119	05/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1.3	1 U	1 U	1

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-119	10/20/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1.3	1 U	1 U	1
MW-119	05/06/06		1 U	1.2	1 U	1 U	1 U	1 U	2 U	1 U	1.1	1 U	1 U	2
MW-119	01/04/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-119	10/08/07		1 U	1	1 U	1 U	0.4	1 U	2 U	1 U	1	1 U	1 U	2
MW-119	05/18/08		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1	1 U	1 U	1
MW-119	11/29/08		0.3 J	0.98 J	1 U	1 U	0.54 J	1 U	1 U	1 U	1.29	0.27 J	1 U	3
MW-119	06/10/09		0.64 J	1	1 U	1 U	0.66 J	1 U	1 U	1 U	1.2	0.29 J	1 U	4
MW-119	11/29/09		0.45 J	1.4	1 U	1 U	0.61 J	1 U	1 U	1 U	1.2	1 U	1 U	4
MW-119	06/29/10		1 U	0.92 J	1 U	1 U	1.2	1 U	1 U	1 U	1.1	1 U	1 U	3
MW-119	11/27/10		0.46 J	1.1	1 U	1 U	1.1	1 U	1 U	1 U	1.7	0.42 J	1 U	5
MW-119	06/03/11		0.32 J	0.97 J	1 U	1 U	0.69 J	1 U	1 U	1 U	1.4	0.37 J	1 U	4
MW-119	12/29/11		0.29 J	1	1 U	1 U	0.69 J	1 U	5 U	1 U	1	0.34 J	1 U	3
MW-119	06/27/12		0.29 J	0.97 J	1 U	1 U	0.88 J	1 U	5 U	1 U	1.1	1 U	1 U	3
MW-119	11/25/12		0.13 J	0.99 J	1 U	1 U	0.8 J	1 U	5 U	1 U	1.2	0.32 J	1 U	3
MW-119	05/31/13		1 U	1.3	1 U	1 U	0.97 J	1 U	5 U	1 U	1.3	1 U	1 U	4
MW-119	12/01/13		1 U	0.93 J	1 U	1 U	0.61 J	1 U	5 U	1 U	0.94 J	0.35 J	1 U	3
MW-119	06/14/14		0.25 J	1.6	1 U	1 U	0.57 J	1 U	5 UB	0.16 J	1.4	0.33 J	1 U	4
MW-119	11/22/14		0.29 J	1.4	1 U	1 U	0.47 J	1 U	5 U	1 UB	1.6	0.46 J	1 U	4
MW-119	06/13/15		1 U	1.1	1 U	1 U	0.33 J	1 U	5 U	1 U	1.1	0.27 J	1 U	3
MW-119	11/15/15		1 U	1	1 U	1 U	0.32 J	1 U	0.46 J	1 U	1.4	0.3 J	1 U	3
MW-119	06/27/16		1 U	0.76 J	1 U	1 U	1 U	1 U	5 U	1 U	1	0.31 J	1 U	2
MW-119	11/12/16		1 U	0.66 J	1 U	1 U	1 U	1 U	5 U	1 U	0.92 J	0.29 J	1 U	2
MW-121	10/15/93		2 U	2 U	2 U	2 U	27	2 U	5 U	4	7	82		120
MW-121	04/28/99		5 U	3.4	5 U	6	7.2	5 U	10 U	2.7	3.8	26	5 U	49
MW-121	10/26/99		0.67 J	3.8	0.78 J	8	8.4	0.15 J	2 U	3.4	5.5	33 E	1 U	64
MW-121	10/26/99	Dilution	2 U	3.2 D	0.67 DJ	6.6 D	6.8 D	0.1 DJ	4 U	2.9 D	4.4 D	29 D	2 U	54
MW-121	01/31/00		0.65 J	2.9	2 U	5.5	6.3	0.2 J	0.41 J	2.5	3.4	23	2 U	45
MW-121	04/18/00		0.55 J	2.8	0.72 J	3	5.6	0.22 J	2 JB	0.64 J	2.8	11	1 U	29
MW-121	07/25/00		0.68	3.5	0.82	4.4	6.8	0.39	2 U	1.8	4.3	20	1 U	43
MW-121	11/08/00		0.77	4.6	0.89	8	7	0.22	2 U	2.6	5.1	22	1 U	51
MW-121	04/10/01		0.78	3.7	0.82	2	6.7	0.68	2 U	2.3	5.5	22	1 U	44
MW-121	10/16/01		0.82	3.8	0.81	3.6	6.5	0.42	2 U	2.4	5.9	19	1 U	43
MW-121	04/17/02		0.75	3.8	0.07	3	6.1	0.58	2 U	2.6	6.9	20	0.064 J	44

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-121	10/17/02		5 U	5	5 U	42	7	5 U	2 U	3	9	24	1 U	90
MW-121	04/22/03		0.65 J	4.3	0.55 J	7.28	5.74	1 U	2 U	2.85	7.18	22.6	1 U	51
MW-121	12/28/03		1 U	4.76	1 U	5.11	4.61	1 U	1 U	2.74	5.79	20.3	0.68 J	44
MW-121	04/28/04		0.52	4.37	1 U	4.58	4.79	1 U	2 U	2.43	5.84	18.8	1 U	41
MW-121	05/21/05	Fld Dupe	1 U	2.4	1 U	4.8	5.3	1 U	2 U	2.1	6	20	1 U	41
MW-121	05/21/05		1 U	2.2	1 U	3.9	5.2	1 U	2 U	1.9	5.1	18	1 U	36
MW-121	10/20/05		1 U	2.9	1 U	3.9	5.9	1 U	2 U	2.1	5.7	20	1 U	41
MW-121	05/06/06		1 U	2.5	1 U	3.3	5.3	1 U	2 U	2.3	4.8	22	1 U	40
MW-121	01/03/07		1 U	1.4	1 U	1.7	3	1 U	2 U	1.9	3.9	20	1 U	32
MW-121	10/07/07		0.7	2	1 U	2	6	0.4	2 U	2	5	22	1 U	40
MW-121	05/18/08		1 U	2	1 U	2	7	1 U	2 U	2	6	26 E	1 U	45
MW-121	05/18/08	Dilution	2 U	2 D	2 U	3 D	6 D	2 U	3 DJ	2 D	5 D	25 D	2 U	46
MW-121	11/29/08		0.56 J	1.36	1 U	1 U	3.42	0.55 J	1 U	1.84	2.67	14.4	1 U	25
MW-121	06/11/09		0.65 J	1.9	1 U	1 U	4.8	0.76 J	1 U	2.3	4	23	1 U	37
MW-121	11/25/09		0.63 J	2.1	1 U	1.8	4.3	1 U	1 U	2	3.1	20	1 U	34
MW-121	06/29/10		1 U	2.9	1 U	1.7	3.7	1 U	1 U	1.5	2	16	1 U	28
MW-121	11/25/10		0.6 J	4.6	1 U	2.5	4.3	1 U	1 U	2.1	3.4	22	1 U	40
MW-121	06/03/11		0.63 J	9.6	1 U	4.1	4.7	0.42 J	1 U	1.8	4.2	19	1 U	44
MW-121	12/29/11		0.75 J	15	1 U	6.9	4.9	0.51 J	5 U	1.8	6.6	18	1 U	54
MW-121	06/27/12		0.86 J	21	1 U	5.5	5.1	0.62 J	5 U	1.6	10	19	1 U	64
MW-121	11/25/12		0.76 J	23	1 U	3	5.3	0.74 J	5 U	1.5	12	18	1 U	64
MW-121	05/31/13		0.84 J	29	1 U	9.9	6.2	0.54 J	5 U	1.6	15	22	1 U	85
MW-121	12/01/13		0.74 J	29	1 U	6.6	5.9	0.57 J	5 U	1.6	15	22	1 U	81
MW-121	06/04/14		0.82 J	37	1 U	13	7.1	0.71 J	5 U	1.9	22	26	1 U	109
MW-121	11/23/14		0.84 J	42	1 U	8.7	6.4	0.92 J	5 U	1.6	20	25	1 U	105
MW-121	06/13/15		0.74 J	45	1 U	18	5.8	0.62 J	5 UB	1.6	22	25	1 U	119
MW-121	11/15/15		0.27 J	16	1 U	5.5	1.9	1 U	0.71 J	1.5	11	17	1 U	54
MW-121	06/26/16		0.66 J	54	1 U	21	4.6	0.76 J	5 U	1.4	26	25	1 U	133
MW-121	11/17/16		0.71 J	61	1 U	22	4.9	0.75 J	5 U	1.7	30	29	1 U	150
MW-124	10/18/93		120 U	150	120 U	410	210		120 U	50	1400	140		2360
MW-124	04/28/99		10 U	75	10 U	97	1200	10 U	20 U	47	540	36	3.4 J	1998
MW-124	04/28/99	Fld Dupe	10 U	75	10 U	97	1100 D	10 U	20 JBU	47	540 D	36	3.4 J	1898

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-124	10/27/99		50 U	50	50 U	41 J	560	50 U	8.2 J	28 J	280	28 J	6.9 J	1002
MW-124	01/31/00		25 U	95	25 U	36	540	25 U	50 U	12 J	190	20 J	44	937
MW-124	04/24/00		0.72 J	92	25 U	24 J	440	3.9 J	50 JB	3.8 J	100	14 J	63	791
MW-124	07/25/00		20 U	89	20 U	20	330	20 U	40 U	20 U	79	10	60	588
MW-124	11/13/00		20 U	110	20 U	20	300	20 U	40 U	2.7	75	12	63	583
MW-124	04/12/01		20 U	47	20 U	35	240	2.1	40 U	30	230	24	13 J	621
MW-124	10/29/01		10 U	98	10 U	19	190	1.4	20 U	6.2	110	16	76	517
MW-124	04/17/02		20 U	64	20 U	35	370	12	40 U	30	210	26	16 J	763
MW-124	04/17/02	Fld Dupe	20 U	65	20 U	41	370	5.7 J	40 U	30	200	20 U	18 J	730
MW-124	10/17/02		20 U	92	20 U	230	360	20 U	40 U	35	290	33	21	1061
MW-124	04/25/03		1 U	83.4 E	1.32	30 E	226 E	8.35	2 U	13.8	136 E	20.9	62.7 E	582
MW-124	04/25/03	Dilution	10 U	71.4	10 U	26.4	213	10 U	20 U	13.5	119	18.9	39.2	501
MW-124	12/28/03		1 U	109 E	1.34	22.8	174 E	6.96	1 U	11.2	116 E	19.2	67.2 E	528
MW-124	12/28/03	Dilution	10 U	83.2 D	10 U	20.1 D	176 D	10 U	10 U	10.6 D	94.7 D	15.6 D	40 D	440
MW-124	04/28/04		40 U	197	40 U	43.6	389	40 U	80 U	34.6	185	26.7	24 J	900
MW-124	05/21/05		5 U	340	5 U	37	420	5 U	10 U	8.4	120	18	110	1053
MW-124	10/20/05		1 U	250	1 U	25	260	1.5	2 U	6.6	76	15	75 H	709
MW-124	05/06/06		1 U	320	1.2	29	370	1.5	2 U	15	120	18	61	936
MW-124	01/04/07		10 U	370	10 U	15	250	10 U	20 U	10 U	110	10	10 U	755
MW-124	10/07/07		1 U	620	0.7	28	300	4	2 U	8	100	12	120	1193
MW-124	05/18/08		40 U	870	40 U	42	320	40 U	80 U	40 U	190	40 U	64	1486
MW-124	11/29/08	Dilution	5 U	415	5 U	16.1	144	1.4 J	1.45 J	11.8	90	10.4	32.1	722
MW-124	06/10/09	Dilution	1 J	500	5 U	18	150	5 U	5 U	14	100	10	23	816
MW-124	11/29/09	Dilution	5 U	510	5 U	22	170	5 U	5 U	16	98	9.4	21	846
MW-124	06/29/10	Dilution	5 U	500	5 U	20	220	5 U	1.9 J	14	82	8.6	30	877
MW-124	11/27/10	Dilution	5 U	490	5 U	25	280	5 U	5 U	14	95	9.2	30	943
MW-124	06/03/11	Dilution	5 U	450	5 U	28	240	5 U	2.4 J	13	120	7.4	23	884
MW-124	12/29/11	Dilution	5 U	370	5 U	20	130	5 U	25 U	12	96	5.9	17	651
MW-124	06/27/12	Dilution	5 U	420	5 U	17	100	5 U	25 U	9.5	90	5.2	23	665
MW-124	11/25/12	Dilution	2 U	330	2 U	9.6	70	0.9 J	1 J	5.2	50	4.3	30	501
MW-124	06/04/13	Dilution	2.5 U	350	2.5 U	13	92	2.5 U	5.8 J	10	84	4.9	14	574
MW-124	12/01/13	Dilution	2.5 U	280	2.5 U	8.6	82	2.5 U	12 UB	7.4	40	4.1	20	442
MW-124	06/14/14	Dilution	2.5 U	480	2.5 U	9.2	120	0.9 J	12 UB	7.8	49	4.3	41	712
MW-124	11/23/14	Dilution	2.5 U	420	2.5 U	10	130	1.2 J	12 UB	7.8	41	4.9	31	646

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-124	06/13/15	Dilution	2.5 U	200	2.5 U	6.6	63	0.8 J	12 UB	9.1	39	4.6	9.2	332
MW-124	11/15/15		1 U	85	1 U	4.8	29	0.56 J	5 UB	8	28	3.3	3.9	163
MW-124	06/26/16		1 U	53	1 U	5.6	18	0.53 J	5 U	9.1	30	3.5	2.2	122
MW-124	11/12/16		1 U	50	1 U	6	22	0.68 J	0.31 J	8.4	29	3.8	2.6	123
MW-124	11/17/16	Fld Dupe	1 U	37	1 U	4.7	17	0.51 J	5 U	8.1	29	3.8	2.3	102
MW-130	10/19/93		67 U	26	67 U	10	25		8	67 U	1000	28		1097
MW-130	04/28/99		0.19	19	1 U	11	24	1 U	2 U	5.3	670	17	1 U	746
MW-130	04/28/99	Fld Dupe	0.17 J	18	1 U	10	23 DJ	1 U	2 U	5.3	670 D	17	1 U	743
MW-130	10/28/99		25 U	10 J	25 U	4.9 J	7.8 J	25 U	50 U	25 U	370	8.2 J	25 U	401
MW-130	02/16/00		25 U	11 J	25 U	3.6 J	7.5 J	25 U	50 U	25 U	460	8.5 J	25 U	491
MW-130	04/24/00		50 JB	12 J	50 U	3.1 J	7.7 J	50 U	100 JB	50 U	510	8.3 J	50 U	691
MW-130	07/27/00		20 U	13	20 U	3.3	7.7	20 U	40 U	20 U	670	8.5	20 U	703
MW-130	11/14/00		25 U	12	25 U	4.3	7.2	25 U	50 U	25 U	390	7	25 U	421
MW-130	04/12/01		20 U	10	20 U	20 U	5.7	20 U	40 U	20 U	440	6.2	20 U	462
MW-130	10/30/01		50 U	14	50	50 U	50 U	50 U	100 U	50 U	660	50 U	50 U	724
MW-130	10/30/01	Fld Dupe	50 U	15 J	50 U	50 U	6.5 J	50 U	100 U	50 U	610	8.1 J	50 U	640
MW-130	04/30/02		25 U	11	25 U	1.6	5.7	25 U	50 U	0.97	360	5.4	25 U	385
MW-130	10/17/02		50 U	50 U	50 U	54	50 U	50 U	43	50 U	840	50 U	1 U	937
MW-130	04/25/03		0.1 J	13	1 U	5.33	7.5	0.48 J	2 U	1.37	424 E	5.94	1 U	458
MW-130	04/25/03	Dilution	20 U	11.6 J	20 U	20 U	20 U	20 U	40 U	20 U	322	20 U	20 U	334
MW-130	04/25/03	Fld Dupe	20 U	11.3 J	20 U	20 U	20 U	20 U	2 U	1.37	437 E	6.15	1 U	456
MW-130	12/28/03		1 U	12.1	1 U	5.65	8.09	1 U	1 U	1.11	320 E	5.46	1 U	352
MW-130	12/28/03	Dilution	20 U	10.3 JD	20 U	20 U	20 U	20 U	20 U	20 U	263 D	20 U	20 U	273
MW-130	04/28/04		10 U	11	10 U	10 U	10.6	10 U	20 U	10 U	157	10 U	10 U	179
MW-130	05/21/05		1 U	14	1 U	4	11	1 U	2 U	1 U	210	3.5	1 U	243
MW-130	10/20/05		1 U	16	1 U	4.2	14	1 U	2 U	1 U	210	3.6	1 U	248
MW-130	05/08/06		1 U	16	1 U	4.1	14	1 U	2 U	1 U	140	3.6	1 U	178
MW-130	01/04/07		1 U	20	1 U	4.6	18	1 U	2 U	1 U	160	4.3	1 U	207
MW-130	10/07/07		1 U	17	1 U	5	21	0.6	2 U	0.6	170	4	1 U	218
MW-130	05/17/08		10 U	22	10 U	10 U	25	10 U	20 U	10 U	200	10 U	10 U	247
MW-130	11/29/08	Dilution	2 U	21.9	2 U	4.18	21	0.4 J	0.56 J	0.56 J	198	4.26	2 U	251
MW-130	06/11/09	Dilution	0.48 J	26	2 U	4.3	20	2 U	2 U	0.9 J	300	4.3	2 U	356

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-130	11/29/09	Dilution	2 U	31	2 U	5.5	12	2 U	2 U	2 U	320	3.3	2 U	<b>372</b>
MW-130	06/29/10	Dilution	10 U	70	10 U	15	17	10 U	2.9 J	10 U	1100	7.6 J	10 U	<b>1213</b>
MW-130	11/27/10	Dilution	5 U	29	5 U	8.4	8.3	5 U	5 U	5 U	430	3.6 J	5 U	<b>479</b>
MW-130	06/03/11	Dilution	2.5 U	20	2.5 U	5.4	6.5	2.5 U	1 J	2.5 U	250	3.8	2.5 U	<b>287</b>
MW-130	12/28/11		1 U	9.7	1 U	2.7	4.1	1 U	5 U	0.68 J	100	2.7	1 U	<b>120</b>
MW-130	06/25/12		0.26 J	7.7	1 U	1.9	3	1 U	5 U	0.65 J	68	2.1	1 U	<b>84</b>
MW-130	11/24/12		1 U	7.5	1 U	1.7	2.5	1 U	5 U	0.64 J	47	1.9	1 U	<b>61</b>
MW-130	06/07/13		1 U	7.6	1 U	1.5	2.2	1 U	5 U	0.7 J	32	1.8	1 U	<b>46</b>
MW-130	12/01/13		1 U	8.4	1 U	1.2	2.2	1 U	5 U	0.65 J	16	1.6	1 U	<b>30</b>
MW-130	06/14/14		1 U	12	1 U	1.4	2.5	0.29 J	5 UB	0.49 J	13	1.7	1 U	<b>31</b>
MW-130	11/23/14		0.34 J	12	1 U	1.5	2.5	1 U	5 U	1 UB	9.3	1.8	1 U	<b>27</b>
MW-130	06/13/15		0.34 J	9.7	1 U	1.4	2	0.25 J	5 U	0.53 J	13	1.6	1 U	<b>29</b>
MW-130	11/15/15		0.27 J	9.4	1 U	0.85 J	1.9	0.3 J	0.48 J	0.43 J	9.5	1.4	1 U	<b>25</b>
MW-130	06/28/16		0.24 J	9.7	1 U	1.4	2	1 U	5 U	0.44 J	7.4	1.5	1 U	<b>23</b>
MW-130	11/13/16		1 U	9.8	1 U	1.2	1.9	1 U	0.27 J	0.4 J	7.6	1.6	1 U	<b>23</b>
MW-133A	10/20/93		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.8	1 U		<b>1</b>
MW-133A	04/26/99		1 U	1 U	1 U	1 U	0.27	1 U	2 U	0.37	0.95	1.1	1 U	<b>3</b>
MW-133A	10/26/99		0.03 J	0.52 J	1 U	0.66 J	1.8	1 U	2 U	1	4.6	4.8	1 U	<b>13</b>
MW-133A	02/15/00		1 U	0.08 J	1 U	1 U	0.16 J	1 U	2 U	1 U	0.38 J	1 U	1 U	<b>1</b>
MW-133A	04/25/00		1 U	1 U	1 U	1 U	1 U	1 U	2 JB	1 U	0.35 J	1 U	1 U	<b>2</b>
MW-133A	07/27/00		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	10 U	<b>0</b>
MW-133A	11/16/00		1 U	1 U	1 U	1 U	0.49	1 U	2 U	1 U	0.81	0.11	1 U	<b>1</b>
MW-133A	04/10/01		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	<b>0</b>
MW-133A	10/31/01		1 U	0.41	1 U	0.1	1.2	1 U	2 U	1 U	1	0.19	1 U	<b>3</b>
MW-133A	04/29/02		1 U	1 U	1 U	1 U	0.04	1 U	2 U	1 U	0.06	1 U	1 U	<b>0</b>
MW-133A	10/16/02		1 U	1	1 U	1 U	4	1 U	0.6	1 U	3	1 U	1 U	<b>9</b>
MW-133A	04/25/03		1 U	2.96	1 U	1.05	11.7	1 U	2 U	1 U	5.2	0.98 J	1 U	<b>22</b>
MW-133A	12/30/03		1 U	1.92	1 U	0.53 J	6.34	1 U	1 U	1 U	2.51	1 U	1 U	<b>11</b>
MW-133A	04/28/04		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	<b>0</b>
MW-133A	05/02/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	<b>0</b>
MW-133A	11/02/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	<b>0</b>
MW-133A	06/22/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	<b>0</b>
MW-133A	11/16/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	<b>0</b>

**Table 2: Southeast Rockford Groundwater Contamination Site  
Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-133A	10/07/07		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-133A	05/17/08		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-133A	11/26/08		1 U	1 U	1 U	1 U	0.26 J	1 U	1 U	1 U	0.32 J	1 U	1 U	1
MW-133A	06/20/09	Fld Dupe	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-133A	06/20/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-133A	11/28/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-133A	06/25/10		1 U	1 U	1 U	1 U	0.23 J	1 U	1 U	1 U	0.26 J	1 U	1 U	0
MW-133A	11/27/10		1 U	0.21 J	1 U	1 U	0.91 J	1 U	1 U	1 U	0.86 J	1 U	1 U	2
MW-133A	11/27/10	Fld Dupe	1 U	1 U	1 U	1 U	0.79 J	1 U	1 U	1 U	0.82 J	1 U	1 U	2
MW-133A	06/02/11		1 U	1 U	1 U	1 U	1 U	1 U	0.28 J	1 U	1 U	1 U	1 U	0
MW-133A	12/28/11		1 U	1 U	1 U	1 U	0.67 J	1 U	5 U	1 U	0.67 J	1 U	1 U	1
MW-133A	06/28/12		1 U	1 U	1 U	1 U	0.4 J	1 U	5 U	1 U	0.3 J	1 U	1 U	1
MW-133A	06/07/13		1 U	0.44 J	1 U	1 U	1 U	1 U	5 U	1 U	0.33 J	1 U	1 U	1
MW-133A	11/30/13		1 U	1 U	1 U	1 U	0.27 J	1 U	5 UB	1 U	0.39 J	1 U	1 U	1
MW-133A	06/13/14		1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1 U	0
MW-133A	11/24/14		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-133A	06/15/15		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-133A	11/10/15		1 U	1 U	1 U	1 U	1 U	1 U	0.71 J	1 U	1 U	1 U	1 U	1
MW-133A	06/28/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-133A	11/16/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
<hr/>														
MW-133B	10/20/93		100 U	270	100 U	130	810		100 U	160	1200	380		2950
MW-133B	04/26/99		10	200	4.6	110	780	7	4 U	110	840	270	2 U	2332
MW-133B	10/26/99		7.9 J	170	50 U	67	810	7.1 J	6.8 J	77	630	190	50 U	1966
MW-133B	02/15/00		9.3 J	180	50 U	100	840	50 U	100 U	120	730	250	50 U	2229
MW-133B	04/25/00		12 J	170	50 U	78	600	50 U	100 JB	76	620	190	50 U	1846
MW-133B	07/27/00		12	160	4.1	88	670	10	40 U	94	760	220	20 U	2018
MW-133B	11/16/00		11	200	25 U	88	530	9.5	50 U	94	570	230	25 U	1733
MW-133B	04/10/01		13	200	50 U	46	660	43	100 U	140	830	300	50 U	2232
MW-133B	10/31/01		12	180	50 U	7	510	49	100 U	110	700	250	50 U	1818
MW-133B	04/29/02		9.1	150	3.7	25 U	460	54	50 U	99	570	170	25 U	1516
MW-133B	10/16/02		50 U	250	50 U	650	820	50 U	31	140	800	290	1 U	2981
MW-133B	04/25/03		10.7	183 E	3.97	110 E	728 E	24.5	2 U	151 E	699 E	325 E	1 U	2235
MW-133B	04/25/03	Dilution	40 U	158	40 U	40.4	571	41.4	80 U	112	617	237	40 U	1777

**Table 2: Southeast Rockford Groundwater Contamination Site  
Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-133B	12/30/03		9.91	162 E	1 U	93 E	562 E	16.3	1 U	122 E	510 E	250 E	1 U	1725
MW-133B	12/30/03	Dilution	50 U	151 D	50 U	81.6 D	623 D	50 U	50 U	109 D	577 D	240 D	50 U	1782
MW-133B	04/28/04		10 U	161	10 U	106	803	10 U	20 U	111	622	216	100 U	2019
MW-133B	05/02/05		5.6	120	5 U	70	630	17	10 U	81	460	160	5 U	1544
MW-133B	05/02/05	Fld Dupe	5.7	120	5 U	74	580	13	10 U	87	420	150	5 U	1450
MW-133B	11/02/05		8.2	180	5 U	98	930	28	10 U	110	620	220	5 U	2194
MW-133B	06/22/06		10 U	110	10 U	54	720	11	20 U	68	430	120	10 U	1513
MW-133B	06/22/06	Fld Dupe	10 U	120	10 U	53	710	17	20 U	80	450	140	10 U	1570
MW-133B	11/16/06		10 U	160	10 U	10 U	740	78	50 U	85	10 U	170	10 U	1233
MW-133B	10/07/07		6	160	3	84	930	38	2 U	110	600	200	1 U	2131
MW-133B	05/17/08		40 U	130	40 U	60	900	40 U	80 U	59	440	110	40 U	1699
MW-133B	11/26/08		8 J	308	5.4 J	12	1860	193	3.2 J	126	955	208	10 U	3679
MW-133B	06/20/09	Dilution	7.3 J	230	4.3 J	19	1400	140	10 U	110	710	170	10 U	2791
MW-133B	11/28/09	Dilution	7.8 J	280	20 U	100	2000	84	20 U	110	820	190	20 U	3592
MW-133B	06/25/10	Dilution	5.4 J	230	4 J	81	1700	47	20 U	96	680	150	20 U	2993
MW-133B	11/27/10	Dilution	20 U	240	20 U	120	1900	11 J	20 U	110	790	180	20 U	3351
MW-133B	06/02/11	Dilution	3.8 J	150	2.9 J	56	1200	29	11	70	420	120	10 U	2063
MW-133B	12/28/11	Dilution	4.9 J	180	3.9 J	5.3 J	1100	100	50 U	73	470	100	10 U	2037
MW-133B	06/28/12	Dilution	5.2 J	180	10 U	25	1200	60	11 J	65	470	92	10 U	2108
MW-133B	11/24/12	Dilution	6 J	160	3.3 J	49	1300	49	50 U	64	420	96	10 U	2147
MW-133B	06/07/13	Dilution	2.8 J	130	5 U	45	530	19	4.8 J	61	390	68	5 U	1251
MW-133B	11/30/13	Dilution	4 J	190	2.3 J	86	960	21	25 UB	74	490	98	5 U	1925
MW-133B	06/13/14	Dilution	4 J	160	1.3 J	58	430	20	25 UB	72	410	74	5 U	1229
MW-133B	11/24/14	Dilution	4.4 J	170	5 U	48	160	12	25 U	78	480	68	5 U	1020
MW-133B	06/15/15	Dilution	4.4 J	170	5 U	50	140	11	5 UB	72	420	64	5 U	931
MW-133B	11/10/15	Dilution	3.4 J	170	5 U	50	110	11	2 J	67	490	54	5 U	957
MW-133B	06/28/16	Dilution	3 J	170	5 U	71	93	8.1	25 U	64	470	47	5 U	926
MW-133B	11/16/16	Dilution	2.8 J	150	5 U	47	74	6.8	25 UB	57	440	44	5 U	822
MW-133C	10/20/93		20 U	76	20 U	75	120		20 U	44	340	170		825
MW-133C	04/26/99		8.5	57	2.8	47	100	5 U	10 U	28	200	110	5 U	553
MW-133C	10/26/99		7.2 J	49	10 U	40	91	1.1 J	20 U	22	170	93	10 U	473
MW-133C	02/15/00		5.4	31	2.3 J	23	32	0.42 J	10 U	2.5 J	110	55	5 U	262

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-133C	04/25/00		4.7	JB	28	10 U	21	28	0.34 J	20 JB	1.2 J	100	48	10 U <b>251</b>
MW-133C	07/27/00	Fld Dupe	5.4	31	2.4 J	21	32	0.55 J	10 U	1 J	100	44	5 U	237
MW-133C	07/27/00		4.9	28	2.2	18	30	5 U	10 U	0.82	91	34	5 U	209
MW-133C	11/16/00		5.2	35	2.2	22	31	5 U	10 U	1.2	95	47	5 U	239
MW-133C	04/10/01		6.2	36	10 U	28	36	10 U	20 U	1.6	130	62	10 U	300
MW-133C	10/31/01		5.1	31	5 U	14	31	5 U	10 U	5 U	100	31	5 U	212
MW-133C	10/31/01	Fld Dupe	5.3	32	2 J	18	33	5 U	10 U	5 U	100	40	5 U	230
MW-133C	04/29/02		5.4	33	1.8	26	45	0.73	0.49	4.5	120	58	5 U	295
MW-133C	10/16/02		6	49	10 U	150	51	10 U	6	10 U	140	66	1 U	468
MW-133C	10/16/02	Fld Dupe	7	49 D	2 U	180 D	53 D	5	0.9 J	2	150 D	74 D	1 U	521
MW-133C	04/25/03		5.34	33.5 E	1.86	29.9 E	42.1 E	1.04	2 U	2.41	137 E	72.2 E	1 U	325
MW-133C	04/25/03	Dilution	5.04 J	31.6	10 U	26.5	39.2	10 U	20 U	10 U	113	60.7	10 U	276
MW-133C	12/30/03	Dilution	5.64 JD	143 D	10 U	32.5 D	49.5 D	10 U	10 U	10 U	136 D	74.4 D	10 U	441
MW-133C	12/30/03		6.43	40.7 E	2.01	36.8 E	55.5 E	0.8 J	1 U	3.02	166 E	83 E	1 U	394
MW-133C	04/28/04		5.42	34.7	10 U	29.2	47.2	10 U	20 U	10 U	124	63.7	10 U	304
MW-133C	05/02/05		5.7	37	1.8	31	53	0.59	2 U	2.6	130	63	1 U	325
MW-133C	11/02/05		6.5	46	5 U	43	70	5 U	10 U	5 U	150	75	5 U	391
MW-133C	06/22/06		7.3	44	1 U	42	71	1.3	2 U	4.3	150	78	1 U	398
MW-133C	11/16/06		7.7	61	1.9	23	86	3.5	2 U	5.1	220	110	1 U	518
MW-133C	10/07/07		7	50	2	51	88	2	2 U	5	170	88	1 U	463
MW-133C	05/17/08		8 U	60	8 U	62	120	8 U	16 U	8 U	200 E	100	8 U	542
MW-133C	05/17/08	Dilution	10 U	57 D	10 U	58 D	110 D	10 U	20 U	10 U	180 D	94 D	10 U	499
MW-133C	05/17/08	Fld Dupe	7	55 E	2	58 E	110 E	2	2 U	20 U	200 D	100 E	1 U	534
MW-133C	11/26/08		7.82	53.6	1.92	24.6	96.9	6.93	0.23 J	6.06	182	94.8	1 U	475
MW-133C	06/20/09		7.4	59	2	36	110	9.7	1 U	6	190	100	1 U	520
MW-133C	11/28/09		7.1	58	1.8	53	110	1.2	1 U	6.2	170	94	1 U	501
MW-133C	06/25/10		6.9	54	1.8	50	130	1.3	1 U	8.6	180	89	1 U	522
MW-133C	11/27/10		6.1	47	1.8	46	130	0.3 J	1 U	10	180	94	1 U	515
MW-133C	06/02/11		6.3	56	1.8	51	180	1.5	0.47 J	16	160	95	1 U	568
MW-133C	12/28/11		5.8	50	1.8	41	130	2	5 U	9.7	140	76	1 U	456
MW-133C	06/28/12		5.7	51	1.6	40	130	1.7	5 U	6.6	150	81	1 U	468
MW-133C	11/24/12		5.3	49	1.6	41	130	1.5	5 U	6.6	140	75	1 U	450
MW-133C	06/07/13		5.3	52	1.3	47	130	1.6	5 U	7.5	160	77	1 U	482
MW-133C	11/30/13		5.2	52	1.3	46	140	1.4	5 UB	7.5	160	83	1 U	496

**Table 2: Southeast Rockford Groundwater Contamination Site  
Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-133C	06/13/14		6.8	68	1.6	53	160	2.1	5 UB	8.5	190	88	1 U	578
MW-133C	11/24/14		5.8	58	1.3	47	130	2.2	5 U	6.6	150	83	1 U	484
MW-133C	06/15/15		5.5	56	1.3	45	130	2.5	5 UB	8.6	170	86	1 U	505
MW-133C	11/10/15		4.9	54	0.98 J	44	100	2.1	0.66 J	13	150	85	1 U	455
MW-133C	06/28/16		5	64	0.85 J	55	100	2.3	5 U	23	160	78	1 U	488
MW-133C	11/16/16		4.8	54	0.91 J	43	82	1.9	5 UB	12	150	79	1 U	428
MW-136	10/19/93		5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U		0
MW-136	04/29/99		0.37	0.35	1 U	0.88	3.5	1 U	2 U	1.7	8	3.8	1 U	19
MW-136	10/28/99		1.5	0.34 J	1 U	0.37 J	1.1	0.03 J	2 U	1.4	16	2.4	1 U	23
MW-136	02/15/00		0.74 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.28 J	1 U	1 U	1
MW-136	04/25/00		0.57 JB	1 U	1 U	1 U	1 U	1 U	2 JB	1 U	0.31 J	1 U	1 U	3
MW-136	07/27/00		0.48	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.3	1 U	1 U	1
MW-136	11/17/00		0.5	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.29	1 U	1 U	1
MW-136	04/10/01		0.45	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.3	1 U	1 U	1
MW-136	10/31/01		0.45	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.3	1 U	1 U	1
MW-136	04/29/02		0.45	1 U	1 U	1 U	1 U	1 U	2 U	0.53	0.3	1 U	1 U	1
MW-136	10/18/02		0.6	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1
MW-136	04/23/03		0.8 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1
MW-136	04/28/04		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-136	06/23/06		1.1	1 U	1 U	1 U	1 U	1 U	1 U	1.8	1 U	1 U	1 U	3
MW-136	01/05/07		2.5	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	3
MW-136	10/07/07		1 U	1 U	1 U	1 U	1 U	1 U	0.7	1 U	1 U	1 U	1 U	1
MW-136	05/18/08		2	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2
MW-136	11/29/08		4.5	1 U	1 U	1 U	1 U	0.2 J	1 U	1 U	1 U	1 U	1 U	5
MW-136	06/11/09		3.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3
MW-136	11/28/09		1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2
MW-136	06/29/10		0.84 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1
MW-136	11/28/10		0.82 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1
MW-136	06/01/11		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1
MW-136	12/29/11		0.79 J	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1
MW-136	06/25/12		0.62 J	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1
MW-136	11/24/12		0.5 J	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-136	06/04/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-136	11/30/13		0.38 J	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	0
MW-136	06/13/14		0.38 J	1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	0.23 J	1 U	1 U
MW-136	11/23/14		0.58 J	1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1
MW-136	06/07/15		0.83 J	1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1
MW-136	11/15/15		0.49 J	1 U	1 U	1 U	1 U	1 U	1 U	0.55 J	1 U	1 U	1 U	1
MW-136	06/28/16		0.45 J	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	0
MW-136	11/16/16		0.32 J	1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	0
MW-200	04/26/99		1 U	1 U	1 U	0.34	0.66	1 U	2 U	0.61	2.2	2.2	1 U	6
MW-200	10/27/99		1 U	1 U	1 U	0.26 J	1.3	1 U	2 U	1.1	1.9	1.8	1 U	6
MW-200	02/15/00		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	04/25/00		1 U	1 U	1 U	1 U	1 U	1 U	2 JB	1 U	0.07 J	1 U	1 U	2
MW-200	07/27/00		1 U	1 U	1 U	1 U	0.1	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	11/14/00		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	04/10/01		1 U	1 U	1 U	1 U	0.17	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	10/29/01		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	0.12	1 U	0
MW-200	04/22/02		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	10/18/02		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	04/25/03		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	12/30/03		1 U	1 U	1 U	0.89 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1
MW-200	04/28/04		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	04/28/04	Fld Dupe	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-200	05/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1.9	1 U	1 U	2
MW-200	01/12/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	05/08/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	01/04/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	10/08/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	05/18/08		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-200	11/29/08		1 U	1 U	1 U	1 U	1 U	0.69 J	1 U	1 U	1 U	0.21 J	0.17 J	1 U
MW-200	06/11/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-200	11/28/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-200	06/29/10		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-200	11/28/10		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-200	05/31/11		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0
MW-200	12/29/11		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	06/25/12		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	11/24/12		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	06/04/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	12/01/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	06/14/14		1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1 U	0
MW-200	11/23/14		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	06/07/15		1 U	1 U	1 U	1 U	1 U	1 U	5 UB	1 U	1 U	1 U	1 U	0
MW-200	11/10/15		1 U	1 U	1 U	1 U	1 U	1 U	0.53 J	1 U	1 U	1 U	1 U	1
MW-200	06/28/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-200	11/13/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	0
MW-201	02/16/00		5 U	48	5 U	1.1 J	85	5 U	10 U	5 U	4.5 J	8.3	5.6	153
MW-201	04/18/00	Fld Dupe	0.29 J	130	10 U	2.3 J	93	0.74 J	20 JB	10 U	5.8 J	12	5.8 J	270
MW-201	04/18/00		10 U	120	10 U	1.9 J	87	0.78 J	20 JB	10 U	4.9 J	15	7.2 J	257
MW-201	07/25/00		20 U	330	20 U	6.8	220	20 U	40 U	20 U	110	4.5	22	693
MW-201	11/13/00		20 U	340	20 U	5.2	180	20 U	40 U	20 U	39	4.9	7.1 J	576
MW-201	04/12/01		5 U	43	5 U	1.6	60	0.64	10 U	5 U	12	19	5.8	142
MW-201	04/12/01	Fld Dupe	5 U	43	5 U	1.6 J	60	0.64 J	10 U	5 U	12	18	5.5	141
MW-201	10/29/01		10 U	150	10 U	3.6	120	10 U	20 U	10 U	55	25	4.8 J	358
MW-201	04/30/02		5	5500	250 U	130	2600	250 U	500 U	250 U	1700	13	50 J	9998
MW-201	10/03/02		500 U	7100	500 U	480	2200	500 U	1000 U	500 U	970	500 U	28 E	0778
MW-201	10/03/02	Fld Dupe	1 U	7700	1 U	420 J	2200	7	2 U	1 U	1000	26 E	50 E	1403
MW-201	04/25/03		0.05 J	1410 E	1 U	52.8 E	989 E	20.3	2 U	0.29 J	452 E	28.9 E	108 E	3061
MW-201	04/25/03	Dilution	500 U	6350	500 U	500 U	863	500 U	1000 U	500 U	294 J	500 U	500 U	7507
MW-201	12/30/03	Dilution	400 U	6480 D	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	6480
MW-201	12/30/03		1 U	1580 E	1 U	15	123 E	1 U	1 U	1 U	175 E	2.99	39.4 E	1935
MW-201	12/30/03	Fld Dupe	400 U	6030 D	400 U	400 U	90.9 E	400 U	400 U	1 U	400 U	2.12	400 U	6123
MW-201	04/28/04		500 U	4150	500 U	500 U	500 U	500 U	1000 U	500 U	500 U	500 U	500 U	4150
MW-201	05/21/05		25 U	3500	25 U	25 U	58	25 U	50 U	25 U	26	25 U	25 U	3584
MW-201	01/12/06		1 U	230	1 U	1.2	23	1 U	2 U	1 U	8.8	14	1 U	277
MW-201	06/28/06		10 U	550	10 U	10 U	16	10 U	20 U	10 U	32	14	10 U	612
MW-201	01/05/07		1 U	80	1 U	1 U	5.1	1 U	2 U	1 U	20	2.8	1 U	108

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-201	10/08/07		1 U	20	1 U	2	2	1 U	2 U	6	7	9	1	47
MW-201	05/18/08		1 U	64 E	1 U	2	11	1 U	2 U	1 U	7	10	8	102
MW-201	05/18/08	Dilution	4 U	55 D	4 U	4 U	9 D	4 U	8 U	4 U	6 D	9 D	6 D	85
MW-201	11/29/08	Dilution	2 J	1460	10 U	10 U	7.1 J	10 U	4.4 J	10 U	14.2	7.7 J	6.2 J	1502
MW-201	11/29/08	Fld Dupe	10 U	1580	10 U	10 U	5.5 J	10 U	3.1 J	10 U	12.5	7.1 J	5.6 J	1614
MW-201	06/10/09	Dilution	2 J	1200	10 U	10 U	16	10 U	10 U	10 U	10	7.7 J	10 U	1236
MW-201	06/10/09	Fld Dupe	10 U	1200	10 U	10 U	9.8 J	10 U	10 U	10 U	7.4 J	5.7 J	10 U	1223
MW-201	11/29/09	Dilution	10 U	480	10 U	10 U	6.4 J	10 U	10 U	10 U	37	10 U	10	533
MW-201	11/29/09	Fld Dupe	10 U	500	10 U	10 U	5.7 J	10 U	10 U	10 U	36	10 U	9.3 J	551
MW-201	06/29/10		1 U	12	1 U	1 U	5	1 U	1 U	0.53 J	4.4	1.1	0.91 J	24
MW-201	11/28/10		1 U	2.7	1 U	0.43 J	0.75 J	1 U	1 U	0.93 J	3.4	1.2	1 U	9
MW-201	06/03/11	Fld Dupe	1 U	2.2	1 U	1 U	0.63 J	1 U	0.26 J	1.2	3.4	0.87 J	1 U	9
MW-201	06/03/11		1 U	2.2	1 U	1 U	0.69 J	1 U	1 U	1.3	3.4	0.85 J	1 U	8
MW-201	12/29/11		1 U	3.7	1 U	1 U	3.3	1 U	5 U	1.7	2.4	0.73 J	1 U	12
MW-201	12/29/11	Fld Dupe	1 U	3.6	1 U	1 U	3.3	1 U	5 U	1.8	2.4	0.77 J	1 U	12
MW-201	06/27/12		1 U	8	1 U	1 U	0.75 J	1 U	5 U	1.9	5.8	0.44 J	1 U	17
MW-201	11/25/12		1 U	5	1 U	1 U	1	1 U	5 U	0.85 J	15	0.31 J	1 U	22
MW-201	06/05/13		1 U	1.5	1 U	1 U	0.42 J	1 U	5 U	0.73 J	5.6	0.36 J	1 U	9
MW-201	12/01/13		1 U	4.8	1 U	0.56 J	1.7	1 U	5 U	2.9	16	1.8	1 U	28
MW-201	06/14/14		1 U	2.9	1 U	1 U	0.62 J	1 U	5 UB	1.1	4	0.34 J	1 U	9
MW-201	11/23/14		1 U	6.5	1 U	0.83 J	3.2	1 U	5 U	1.7	18	1.4	1 U	32
MW-201	11/23/14	Fld Dupe	1 U	6.1	1 U	0.82 J	2.8	1 U	5 U	1.5	18	1.2	1 U	30
MW-201	06/14/15		1 U	1.7	1 U	1 U	0.4 J	1 U	5 U	1.3	2.9	0.38 J	1 U	7
MW-201	11/08/15		1 U	1.2	1 U	1 U	0.37 J	1 U	0.78 J	0.9 J	2.4	0.33 J	1 U	6
MW-201	06/26/16	Fld Dupe	1 U	1.4	1 U	1 U	0.47 J	1 U	5 U	0.98 J	2.1	0.45 J	1 U	5
MW-201	06/26/16		1 U	1.4	1 U	1 U	0.49 J	1 U	5 U	1.1	2	0.37 J	1 U	5
MW-201	11/12/16		1 U	1.7	1 U	1 U	0.78 J	1 U	5 U	1.2	2.4	0.5 J	1 U	7
MW-201	11/12/16	Fld Dupe	1 U	1.6	1 U	1 U	0.71 J	1 U	5 U	1.2	2.4	0.48 J	1 U	6
MW-202	05/20/99		1 U	1 U	1 U	1 U	0.81	1 U	2 U	4.6	2	2.1	1 U	10
MW-202	10/28/99		1 U	1 U	1 U	0.18 J	0.68 J	1 U	2 U	5	2.2	2.1	1 U	10
MW-202	02/16/00		1 U	1 U	1 U	1 U	1 U	1 U	2 U	3.6	0.77 J	0.5 J	1 U	5
MW-202	04/18/00		0.25 J	1 U	1 U	1 U	1 U	1 U	2 JB	3.1	0.65 J	0.55 J	1 U	7

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs	
			MCL	NA	NA	5	7	70	100	5	5	200	5		
MW-202	07/27/00		0.48	1 U	1 U	1 U	1 U	1 U	2 U	3.5	0.72	0.75	1 U	5	
MW-202	11/13/00		1 U	1 U	1 U	1 U	1 U	1 U	2 U	14	0.11	0.19	1 U	14	
MW-202	04/12/01		1 U	1 U	1 U	1 U	1 U	1 U	2 U	13	0.08	0.11	1 U	13	
MW-202	10/29/01		1 U	1 U	1 U	1 U	1 U	1 U	2 U	12	0.06	1 U	1 U	12	
MW-202	04/30/02		1 U	1 U	1 U	1 U	1 U	1 U	2 U	10	1 U	0.12	1 U	10	
MW-202	10/17/02		1 U	1 U	1 U	1 U	1 U	1 U	0.5	12	1 U	1 U	1 U	13	
MW-202	04/24/03		1 U	1 U	1 U	1 U	1 U	1 U	2 U	2.82	1 U	0.8 J	1 U	4	
MW-202	12/30/03		1 U	1 U	1 U	0.54 J	1 U	1 U	1 U	2.78	1 U	1.11	1 U	4	
MW-202	04/28/04		1 U	1 U	1 U	1 U	1 U	1 U	2 U	2.3	1 U	0.68	1 U	3	
MW-202	05/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1.8	1 U	1 U	1 U	2	
MW-202	10/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0	
MW-202	06/28/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1.5	1 U	1 U	1 U	2	
MW-202	01/05/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	14	1 U	1 U	1 U	14	
MW-202	10/08/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1	1	0.3	1 U	2	
MW-202	05/19/08		1 U	1 U	1 U	1 U	1 U	1 U	2 U	4	1 U	1 U	1 U	4	
MW-202	11/29/08		0.3 J	0.95 J	1 U	1 U	1 U	1 U	1 U	1.26	1.15	0.65 J	1 U	4	
MW-202	06/11/09		1 U	0.46 J	1 U	1 U	1 U	1 U	1 U	1.2	1	0.6 J	1 U	3	
MW-202	11/29/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1	
MW-202	06/29/10		1 U	0.7 J	1 U	1 U	1 U	1 U	1 U	1.6	1.3	0.79 J	1 U	4	
MW-202	11/28/10		1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.1	0.67 J	1 U	1 U	3	
MW-202	06/03/11		1 U	0.35 J	1 U	1 U	1 U	1 U	1 U	0.26 J	1.5	0.45 J	0.39 J	1 U	3
MW-202	12/29/11		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.2	0.22 J	0.28 J	1 U	2	
MW-202	06/27/12		1 U	0.46 J	1 U	1 U	1 U	1 U	5 U	1.4	0.94 J	1 U	1 U	3	
MW-202	11/30/12		1 U	0.45 J	1 U	1 U	1 U	1 U	5 U	2.1	1	0.3 J	1 U	4	
MW-202	06/05/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.7	0.51 J	0.37 J	1 U	3	
MW-202	12/01/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.1	0.66 J	1 U	1 U	2	
MW-202	06/14/14		1 U	0.44 J	1 U	1 U	1 U	1 U	5 UB	1.4	0.39 J	0.38 J	1 U	3	
MW-202	11/24/14		1 U	0.43 J	1 U	1 U	1 U	1 U	5 U	0.97 J	1 U	0.35 J	1 U	2	
MW-202	06/14/15		1 U	1 U	1 U	1 U	1 U	1 U	5 U	0.84 J	0.21 J	1 U	1 U	1	
MW-202	11/08/15		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1	0.3 J	1 U	1 U	1	
MW-202	06/26/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.1	0.3 J	1 U	1 U	1	
MW-202	11/13/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	0.74 J	1 U	1 U	1 U	1	

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-203	05/20/99		1 U	1 U	1 U	1 U	0.67	1 U	2 U	14	0.92	1.2	1 U	17
MW-203	10/28/99		0.08 J	0.28 J	1 U	0.42 J	1.5	0.06 J	2 U	15	2.7	2.6	1 U	23
MW-203	02/15/00		1 U	1 U	1 U	1 U	0.13 J	1 U	2 U	8.6	0.26 J	0.16 J	1 U	9
MW-203	04/18/00		1 U	1 U	1 U	1 U	0.07 J	1 U	2 U	11	0.14 J	0.17 J	1 U	11
MW-203	07/27/00		1 U	1 U	1 U	1 U	1 U	1 U	2 U	13	0.2	0.24	1 U	13
MW-203	11/13/00		0.82	1 U	1 U	1 U	1 U	1 U	1 U	3.5	0.66	0.81	1 U	6
MW-203	04/12/01		1.8	1 U	1 U	1 U	1 U	1 U	1 U	3.2	0.81	0.76	1 U	7
MW-203	10/29/01		4.3	0.19	1 U	1 U	1 U	1 U	1 U	3.1	0.76	0.84	1 U	9
MW-203	04/30/02		4.1	0.12	1 U	1 U	1 U	1 U	1 U	3	0.69	0.63	1 U	9
MW-203	10/17/02		1	1 U	1 U	1 U	1 U	1 U	1 U	3	1 U	0.7	1 U	5
MW-203	04/24/03		1 U	1 U	1 U	1 U	1 U	1 U	2 U	10.2	1 U	1 U	1 U	10
MW-203	12/30/03		1 U	1 U	1 U	1 U	1 U	1 U	1 U	8.43	1 U	1 U	1 U	8
MW-203	04/28/04		1 U	1 U	1 U	1 U	1 U	1 U	2 U	8.79	1 U	1 U	1 U	9
MW-203	05/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	9.6	1 U	1 U	1 U	10
MW-203	10/21/05		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0
MW-203	06/28/06		1 U	1 U	1 U	1 U	1 U	1 U	2 U	17	1 U	1 U	1 U	17
MW-203	01/05/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1.7	1 U	1 U	1 U	2
MW-203	10/08/07		1 U	1 U	1 U	1 U	1 U	1 U	2 U	4	1 U	1 U	1 U	4
MW-203	05/18/08		1 U	1 U	1 U	1 U	1 U	1 U	2 U	1	1	1 U	1 U	2
MW-203	05/18/08	Fld Dupe	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	1	1 U	1 U	2
MW-203	11/29/08		0.15 J	0.45 J	1 U	1 U	1 U	1 U	1 U	3.11	0.19 J	0.33 J	1 U	4
MW-203	06/11/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.4	1 U	1 U	1 U	4
MW-203	11/29/09		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.4	1 U	1 U	1 U	5
MW-203	06/29/10		1 U	1 U	1 U	1 U	1 U	1 U	0.32 J	8.9	1 U	1 U	1 U	9
MW-203	11/28/10		1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.3	1 U	1 U	1 U	7
MW-203	06/03/11		1 U	1 U	1 U	1 U	1 U	1 U	0.27 J	5.1	1 U	1 U	1 U	5
MW-203	12/29/11		1 U	1 U	1 U	1 U	1 U	1 U	5 U	5.1	1 U	0.19 J	1 U	5
MW-203	06/28/12		1 U	1 U	1 U	1 U	1 U	1 U	5 U	10	1 U	0.41 J	1 U	10
MW-203	11/30/12		1 U	0.19 J	1 U	1 U	1 U	1 U	5 U	11	0.36 J	0.34 J	1 U	12
MW-203	06/10/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	9.5	1 U	1 U	1 U	10
MW-203	12/01/13		1 U	1 U	1 U	1 U	1 U	1 U	5 U	5.9	1 U	1 U	1 U	6
MW-203	06/14/14		1 U	0.35 J	1 U	1 U	0.21 J	1 U	5 UB	2.6	0.31 J	0.23 J	1 U	4
MW-203	11/24/14		1 U	1 U	1 U	1 U	1 U	1 U	5 U	4.1	0.24 J	1 U	1 U	4

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-203	06/14/15		1 U	1 U	1 U	1 U	1 U	1 U	5 U	1.5	0.21 J	0.37 J	1 U	2
MW-203	11/08/15		1 U	1 U	1 U	1 U	1 U	1 U	0.39 J	2.1	1 U	1 U	1 U	2
MW-203	06/26/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	3.4	1 U	1 U	1 U	3
MW-203	11/13/16		1 U	1 U	1 U	1 U	1 U	1 U	5 U	3.9	1 U	1 U	1 U	4
MW-204	04/23/99		20 U	20 U	20 U	6.2	56	20 U	40 U	20 U	4.7	230	20 U	297
MW-204	10/26/99		10 U	5.2 J	4.5 J	8.6 J	51	0.55 J	20 U	2.4 J	5.4 J	230	1.1 J	309
MW-204	01/31/00		0.67 J	5 J	5.3 J	8.2 J	41	10 U	2 J	2.4 J	4.2 J	200	0.85 J	270
MW-204	04/24/00		0.92 J	4.9 J	5.7 J	9.2 J	44	10 U	20 JB	2 J	4 J	190	1.2 J	282
MW-204	07/25/00		1.1	4.4	5.7	6.9	38	10 U	20 U	1.3	3.4	120	10 U	181
MW-204	11/08/00		10 U	6.5	6.8	11	37	10 U	20 U	2.4	4	170	10 U	238
MW-204	04/12/01		10 U	5	6	11	27	10 U	20 U	2.4	4.5	160	10 U	216
MW-204	10/16/01		10 U	5.4	10 U	13	23	10 U	20 U	2.8	4.9	140	10 U	189
MW-204	04/17/02		0.77	6.9	10	18	20	10 U	20 U	2.9	6	140	0.041 J	205
MW-204	10/03/02		20 U	14	20 U	140	23	20 U	40 U	20 U	20 U	170	1 U	347
MW-204	04/22/03	Dilution	10 U	7.58 J	9.49 J	23.9	26.8	10 U	20 U	10 U	9.28 J	165	10 U	242
MW-204	04/22/03		0.59 J	8.21	9.93	28.4 E	28.6 E	0.61 J	2 U	3.9	9.93	192 E	0.76 J	283
MW-204	12/28/03		0.58 J	8.14	9.41	26.3 E	28.8 E	1 U	1 U	3.83	11.3	163 E	0.8 J	252
MW-204	12/28/03	Dilution	10 U	7.65 JD	8.32 JD	21.8 D	23.7 D	10 U	10 U	10 U	9.1 JD	151 D	10 U	222
MW-204	04/28/04		10 U	6.41	8.07	21	20.7	10 U	20 U	10 U	8.96	124	10 U	189
MW-204	05/21/05		1 U	6	5.9	22	13	1 U	2 U	2.8	10	96	1 U	156
MW-204	10/19/05		1 U	6.2	5.7	20	15	1 U	2 U	2.3	9.1	97	1 U	155
MW-204	05/06/06		1 U	5.7	4.4	21	13	1 U	2 U	2.9	10	100	1 U	157
MW-204	01/03/07		1 U	6	3.5	22	15	1 U	2 U	3.2	10	100	1 U	160
MW-204	10/07/07		0.5	6	3	19	15	0.5	2 U	3	10	85	0.4 J	142
MW-204	10/07/07	Fld Dupe	0.5 J	5	3	18	15	0.4 J	2 U	3	9	82 D	1 U	136
MW-204	05/18/08		4 U	6	4 U	20	20	4 U	8 U	4 U	9	91	4 U	146
MW-204	11/29/08		0.65 J	4.9	2.07	13.6	14.4	0.29 J	1 U	2.64	7.61	74	0.32 J	120
MW-204	06/11/09		0.67 J	4.3	1.4	11	14	0.4 J	1 U	2.6	7.2	73	0.31 J	115
MW-204	11/25/09		0.65 J	5.8	1.8	14	20	1 U	1 U	2.6	6.2	71	0.56 J	123
MW-204	06/29/10		1 U	5.2	1.3	12	18	1 U	1 U	2	4.3	61	1 U	104
MW-204	11/25/10		0.54 J	5.3	1.5	11	24	1 U	1 U	2.5	6.4	66	1 U	117
MW-204	06/02/11		0.5 J	5.9	1.3	11	26	0.4 J	1 U	2.1	5.9	60	0.25 J	113
MW-204	12/29/11		0.55 J	5.3	1.3	10	26	0.52 J	5 U	2	5.6	51	1 U	102

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-204	06/27/12		0.63 J	5.5	1.2	7.1	30	1.3	5 U	1.7	5.8	54	1 U	107
MW-204	11/25/12		0.45 J	6	1.2	12	33	0.64 J	5 U	1.8	7.3	51	1 U	113
MW-204	05/31/13	Fld Dupe	0.45 J	6.4	0.97 J	12	36	0.41 J	5 U	1.7	7.8	51	1 U	117
MW-204	05/31/13		0.46 J	6.5	1	12	36	0.5 J	5 U	1.7	7.9	51	1 U	117
MW-204	12/01/13		0.33 J	6.2	0.75 J	12	37	0.47 J	5 U	1.6	6.4	52	1 U	117
MW-204	06/04/14		0.3 J	8.6	0.7 J	15	40	0.52 J	5 U	1.9	12	52	0.18 J	131
MW-204	11/23/14		0.38 J	9.8	0.94 J	16	40	0.78 J	5 U	1.4	10	51	1 U	130
MW-204	06/13/15		0.32 J	12	0.6 J	19	36	0.56 J	5 U	1.6	14	51	1 U	135
MW-204	11/15/15		0.35 J	13	0.47 J	19	28	0.62 J	0.55 J	1.5	14	48	1 U	125
MW-204	06/26/16		0.45 J	15	0.47 J	26	37	0.61 J	5 U	1.5	18	48	0.3 J	147
MW-204	11/17/16		0.46 J	22	0.35 J	29	28	0.59 J	5 U	1.7	24	54	1 U	160
<hr/>														
MW-205A	04/22/99		0.88	23	4.4	100	49	5 U	10 U	3.9	570	69	5 U	820
MW-205A	10/21/99		1.1 J	23 J	25 U	110	57	25 U	50 U	3.4 J	460	68	25 U	723
MW-205A	02/07/00		25 U	22 J	3.5 J	110	56	25 U	50 U	3.6 J	450	68	25 U	713
MW-205A	04/18/00		50 U	23 J	50 U	140	61	50 U	100 JB	50 U	540	80	50 U	944
MW-205A	07/25/00		20 U	19	3.5	92	50	20 U	40 U	20 U	350	47	20 U	562
MW-205A	11/07/00		25 U	27	25 U	120	56	25 U	50 U	25 U	410	66	25 U	679
MW-205A	04/09/01		20 U	23	20 U	130	56	20 U	40 U	4.3	430	68	20 U	711
MW-205A	10/16/01		1.1	18	20 U	87	44	20 U	40 U	2.1	240	49	20 U	441
MW-205A	04/16/02		1.1	17	20 U	79	43	20 U	40 U	6.7	270	47	20 U	464
MW-205A	10/07/02		50 U	50 U	50 U	690	53	50 U	84	110	310	49	1 U	1296
MW-205A	04/22/03		0.78 J	21	2.39	122 E	51.2 E	1 U	2 U	7.15	397 E	72.8 E	1 U	674
MW-205A	04/22/03	Dilution	25 U	19.8 J	25 U	111	46.6	25 U	50 U	25 U	322	64.3	25 U	564
MW-205A	12/22/03		0.69 J	19.7	1.48	95.6 E	52.7 E	1 U	1 U	11.3	308 E	64.3 E	1 U	554
MW-205A	12/22/03	Dilution	20 U	15.4 JD	20 U	71.9 D	38.5 D	20 U	20 U	20 U	237 D	47.1 D	20 U	410
MW-205A	04/28/04		20 U	15.8	20 U	68.7	39.9	20 U	40 U	20 U	229	43.9	20 U	397
MW-205A	05/21/05		1 U	15	1 U	51	43	1 U	2 U	11	130	36	1 U	286
MW-205A	10/19/05		1 U	13	1 U	35	38	1 U	2 U	11	89	32	1 U	218
MW-205A	05/06/06		1 U	14	1 U	29	37	1 U	2 U	18	81	32	1 U	211
MW-205A	11/21/06		1 U	13	1 U	49	47	1 U	2 U	17	160	51	1 U	337
MW-205A	10/06/07		0.5	12	0.4	31	39	1 U	2 U	16	75	34	1 U	208
MW-205A	05/18/08		4 U	13	4 U	27	48	4 U	8 U	20	73	35	4 U	216

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-205A	11/28/08		0.49 J	11.9	0.29 J	21.3	41.5	1 U	1 U	20.2	59.5	30.8	1 U	186
MW-205A	06/09/09		0.45 J	10	0.27 J	19	36	1 U	1 U	19	60	30	1 U	175
MW-205A	11/25/09		0.48 J	11	1 U	19	32	1 U	1 U	20	46	27	1 U	155
MW-205A	06/24/10		0.35 J	11	1 U	16	25	1 U	1 U	22	41	23	1 U	138
MW-205A	11/25/10		0.38 J	13	1 U	16	18	1 U	1 U	23	41	24	1 U	135
MW-205A	06/02/11		0.34 J	15	1 U	15	13	1 U	1 U	23	36	22	1 U	124
MW-205A	01/08/12		0.31 J	20	1 U	14	7.4	1 U	5 U	24	31	16	1 U	113
MW-205A	06/28/12		0.4 J	21	1 U	13	5.7	1 U	5 U	24	30	16	1 U	110
MW-205A	12/02/12		0.26 J	20	1 U	11	4.6	1 U	5 U	24	27	15	1 U	102
MW-205A	05/31/13		0.26 J	20	1 U	11	5.3	1 U	5 U	23	25	16	1 U	101
MW-205A	11/29/13		0.27 J	27	1 U	12	4.4	1 U	5 UB	26	24	15	1 U	109
MW-205A	06/05/14		0.3 J	23	1 U	10	4.6	1 U	5 U	25	24	15	1 U	102
MW-205A	11/22/14		0.29 J	36	1 U	12	2.7	1 U	5 U	22	27	14	1 U	114
MW-205A	06/08/15		0.34 J	37	1 U	10	2.6	1 U	5 UB	23	25	14	1 U	112
MW-205A	11/09/15		0.27 J	31	1 U	9.1	2.5	1 U	0.49 J	19	24	12	1 U	98
MW-205A	06/27/16		0.27 J	30	1 U	8.8	2.2	1 U	5 U	17	21	11	1 U	90
MW-205A	11/11/16		0.26 J	26	1 U	8.1	2.2	1 U	5 U	16	21	12	1 U	86
MW-205B	04/22/99		0.73	23	3.4	74	47	5 U	10 U	3.5	310	57	5 U	519
MW-205B	10/21/99		25 U	23 J	25 U	82	54	25 U	50 U	3.4 J	340	58	25 U	560
MW-205B	02/07/00		25 U	24 J	25 U	86	57	25 U	50 U	3.8 J	360	60	25 U	591
MW-205B	04/18/00		20 U	26	20 U	90	59	20 U	40 JB	3.8 J	370	65	20 U	654
MW-205B	07/25/00		20 U	23	20 U	70	52	20 U	40 U	20 U	270	44	20 U	459
MW-205B	11/07/00		20 U	31	2.9	79	55	20 U	40 U	3.6	270	53	20 U	495
MW-205B	04/09/01		20 U	31	20 U	110	68	20 U	40 U	4.5	330	67	20 U	611
MW-205B	10/16/01		20 U	21	20 U	73	50	20 U	40 U	5.1	250	45	20 U	444
MW-205B	04/16/02		0.82	22	10 U	59	53	1.4	0.7	5.8	220	48	10 U	411
MW-205B	10/07/02		50 U	50 U	50 U	470	65	50 U	90	110	310	49	1 U	1094
MW-205B	04/22/03		0.75 J	24.2	1.79	92.4 E	59.6 E	1 U	2 U	11.4	303 E	63.8 E	1 U	557
MW-205B	04/22/03	Dilution	20 U	23.7	20 U	93.1	57.3	20 U	40 U	10 J	262	60.4	20 U	507
MW-205B	12/22/03		0.7 J	21.6	1.36	70.5 E	53.8 E	0.55 J	1 U	13	239 E	52.1 E	1 U	453
MW-205B	12/22/03	Dilution	20 U	18.7 JD	20 U	64.9 D	47.1 D	20 U	20 U	10.5 JD	201 D	44.6 D	20 U	387
MW-205B	04/28/04		20 U	22.4	20 U	75.5	54.4	20 U	40 U	11.4	233	49.3	20 U	446
MW-205B	05/21/05		1 U	17	1 U	43	47	1 U	2 U	13	110	34	1 U	264

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-205B	10/19/05		1 U	17	1 U	32	43	1 U	2 U	14	89	31	1 U	226
MW-205B	05/06/06		1 U	18	1 U	26	52	1 U	2 U	23	59	31	1 U	209
MW-205B	11/21/06		1 U	18	1 U	39	71	1 U	2 U	23	95	44	1 U	290
MW-205B	10/06/07		0.4	15	0.4	30	52	1 U	2 U	18	66	31	1 U	213
MW-205B	05/18/08		4 U	16	4 U	30	63	4 U	8 U	22	69	34	4 U	234
MW-205B	11/28/08		0.49 J	15	0.38 J	19.9	43.1	1 U	1 U	12.8	79.4	24.6	1 U	196
MW-205B	06/09/09		0.49 J	15	0.25 J	21	44	1 U	1 U	18	63	29	1 U	191
MW-205B	11/25/09		0.55 J	14	1 U	21	37	1 U	1 U	21	47	27	1 U	168
MW-205B	06/24/10		0.38 J	14	0.16 J	17	29	1 U	1 U	22	43	23	1 U	149
MW-205B	11/25/10		0.41 J	15	1 U	17	23	1 U	1 U	23	42	24	1 U	144
MW-205B	06/02/11		0.38 J	17	1 U	18	21	1 U	1 U	23	39	22	1 U	140
MW-205B	01/08/12		0.32 J	20	1 U	14	11	1 U	5 U	23	31	16	1 U	115
MW-205B	06/28/12		0.43 J	21	1 U	13	8.2	1 U	5 U	23	30	15	1 U	111
MW-205B	12/02/12		0.32 J	20	1 U	10	6	1 U	5 U	16	25	12	1 U	89
MW-205B	05/31/13		0.32 J	23	1 U	12	7	1 U	5 U	23	27	15	1 U	107
MW-205B	11/29/13		0.26 J	27	1 U	12	5.4	1 U	5 UB	25	24	14	1 U	108
MW-205B	06/05/14		0.3 J	30	1 U	11	4.8	1 U	5 U	26	25	14	1 U	111
MW-205B	11/22/14		0.3 J	38	1 U	13	4.1	1 U	5 U	23	28	14	1 U	120
MW-205B	06/08/15		0.36 J	42	1 U	11	4.1	1 U	5 UB	23	27	14	1 U	121
MW-205B	11/09/15		0.35 J	38	1 U	11	4.2	1 U	0.28 J	20	26	12	1 U	112
MW-205B	06/27/16		0.24 J	33	1 U	10	2.8	1 U	5 U	18	23	11	1 U	98
MW-205B	11/11/16		0.27 J	33	1 U	9.9	2.5	1 U	5 U	17	22	11	1 U	96
MW-206A	04/23/99		0.64	8.5	0.75	22	23	2 U	4 U	9.3	100	37	2 U	201
MW-206A	10/20/99		10 U	9.8 J	10 U	21	21	10 U	20 U	6.6 J	87	33	10 U	178
MW-206A	02/07/00		0.55 J	10	5 U	14	20	5 U	10 U	7	79	25	5 U	156
MW-206A	04/18/00		0.55 J	9.6	5 U	12	20	0.36 J	10 JB	5.2	62	22	5 U	142
MW-206A	07/25/00		0.72	9.4	5 U	14	21	5 U	10 U	3.1	66	16	5 U	130
MW-206A	11/07/00		5 U	12	5 U	5.9	13	5 U	10 U	0.84	46	7.6	5 U	85
MW-206A	04/09/01		0.66	9.7	5 U	13	20	5 U	10 U	4.5	55	22	5 U	125
MW-206A	10/16/01		0.49	8.8	2 U	9.9	18	2 U	0.34	3.5	39	18	2 U	98
MW-206A	04/16/02		0.39	7.1	2 U	7.1	15	0.39	4 U	3.4	31	16	2 U	80
MW-206A	10/08/02		5 U	11	5 U	57	23	5 U	10 U	3	35	18	1 U	147
MW-206A	04/21/03		0.87 J	11.8	1 U	11.7	30.3 E	1.05	2 U	3.48	31.1 E	18.1	1 U	108

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-206A	04/21/03	Dilution	2 U	11	2 U	11.1	28.4	2 U	4 U	3.17	26.9	17	2 U	98
MW-206A	12/22/03		1.04	14.5	1 U	13.9	38.4 E	1.4	1 U	3.99	35.8 E	19	1 U	128
MW-206A	12/22/03	Dilution	2 U	12.4 D	2 U	11.4 D	33.6 D	1.11 JD	2 U	3.36 D	29.8 D	16.5 D	2 U	108
MW-206A	04/28/04		1.28	10.7	2 U	11.1	31.6	2 U	4 U	3.65	27.4	15.1	2 U	101
MW-206A	05/21/05		1.1	5.6	1 U	6.7	16	1 U	2 U	2.9	17	11	1 U	60
MW-206A	10/19/05		1 U	8.1	1 U	8.8	23	1 U	2 U	3.1	19	11	1 U	73
MW-206A	05/06/06		1 U	9.2	1 U	9.1	25	1 U	2 U	3.8	23	13	1 U	83
MW-206A	11/27/06		1.1	9	1 U	8.2	14	1 U	2 U	4.2	22	14	1 U	73
MW-206A	10/06/07		0.6	5	1 U	5	6	1 U	2 U	3	14	9	1 U	43
MW-206A	05/18/08		1 U	6	1 U	8	7	1 U	2 U	4	18	11	1 U	54
MW-206A	11/28/08		0.28 J	13	0.19 J	7.54	9.43	0.21 J	1 U	1.95	17.9	7.85	1.59	60
MW-206A	06/10/09		0.41 J	11	1 U	7.5	7.3	1 U	1 U	2.8	23	9.9	0.97 J	63
MW-206A	04/01/10		0.27 J	7.6	1 U	6.8	4.2	1 U	1 U	3.7	18	10	1 U	51
MW-206A	06/25/10		0.28 J	8.3	1 U	7.1	4.2	1 U	1 U	3.8	18	9.3	1 U	51
MW-206A	11/29/10		0.16 J	13	1 U	4.4	4.5	1 U	1 U	1.5	9.7	4.3	3.6	41
MW-206A	06/02/11		0.27 J	12	1 U	6.8	3.8	1 U	0.27 J	3.4	17	9.6	0.55 J	54
MW-206A	12/22/11		0.93 J	75	2.2	76	100	1 U	5 U	7.3	52	44	0.92 J	358
MW-206A	06/26/12		0.6 J	7.8	1 U	3.7	1.8	1 U	5 U	4.4	11	6.9	1 U	36
MW-206A	11/23/12		0.42 J	12	1 U	3.8	2	1 U	5 U	5.5	12	6.2	1 U	42
MW-206A	05/30/13		0.38 J	9.9	1 U	3.4	1.7	1 U	5 U	4.9	8.6	5.4	1 U	34
MW-206A	11/29/13		0.32 J	9.1	1 U	3.9	1.8	1 U	5 UB	5.6	9.1	5.5	0.22 J	36
MW-206A	11/29/13	Fld Dupe	0.35 J	9.1	1 U	4	1.8	1 U	5 UB	5.7	8.8	5.6	0.21 J	36
MW-206A	06/05/14		0.51 J	6.7	1 U	2.8	1.2	1 U	5 U	6.2	8.3	5.3	1 U	31
MW-206A	11/22/14		0.5 J	7.2	1 U	3	1.2	1 U	5 U	5	6.7	4.5	1 U	28
MW-206A	06/08/15		0.49 J	6.5	1 U	2.2	0.8 J	1 U	5 UB	5	5.5	4	1 U	24
MW-206A	11/09/15		0.33 J	13	1 U	7.9	1.3	1 U	0.44 J	6.9	18	12	1 U	60
MW-206A	06/27/16		0.25 J	14	1 U	7.1	3.3	1 U	5 U	4.6	20	9.2	0.36 J	59
MW-206A	11/11/16		0.23 J	14	1 U	5.7	2.4	1 U	5 U	5.5	20	8.5	0.49 J	57
MW-206B	04/23/99		10 U	5.1	10 U	2.5	59	10 U	20 U	13	4.6	150	10 U	234
MW-206B	10/20/99		10 U	9.1 J	10 U	4.9 J	54	10 U	1.3 J	9.6 J	8.4 J	160	10 U	247
MW-206B	02/17/00		10 U	13	10 U	8.8 J	36	10 U	20 U	5.8 J	16	150	10 U	230
MW-206B	04/18/00		0.62 J	14	10 U	9 J	40	0.28 J	20 JB	5.6 J	16	150	10 U	256

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-206B	07/25/00		0.6	12	5 U	6	36	5 U	10 U	0.98	11	86	5 U	153
MW-206B	11/07/00		5 U	17	5 U	8.4	34	5 U	10 U	3.3	14	120	5 U	197
MW-206B	04/09/01		0.51	14	5 U	9.1	33	5 U	10 U	2.5	16	110	5 U	185
MW-206B	10/16/01		0.62	14	5 U	11	26	5 U	10 U	1.7	20	80	5 U	153
MW-206B	04/16/02		0.69	12	5 U	10	23	5 U	10 U	1.5	20	70	5 U	137
MW-206B	10/08/02		5 U	22	5 U	76	31	5 U	4	5 U	35	100	1 U	268
MW-206B	04/22/03		0.83 J	16.2	0.7 J	16.8	22.1	1 U	2 U	1.35	32.5 E	75.7 E	1 U	166
MW-206B	04/22/03	Dilution	5 U	15.1	5 U	15.7	20.5	5 U	10 U	5 U	27.2	68.7	5 U	147
MW-206B	12/22/03		0.88 J	17.3	0.71 J	18.2	21.5	1 U	1 U	1.34	34 E	68.8 E	1 U	163
MW-206B	12/22/03	Dilution	4 U	14.8 D	4 U	14 D	17.4 D	4 U	4 U	4 U	26.5 D	54.5 D	4 U	127
MW-206B	04/28/04		4 U	16	4 U	14.2	19.5	4 U	8 U	4 U	26.3	59.2	4 U	135
MW-206B	05/21/05		1 U	16	1 U	13	13	1 U	2 U	1 U	22	33	1 U	97
MW-206B	10/19/05		1 U	16	1 U	12	13	1 U	2 U	1 U	22	35	1 U	98
MW-206B	05/06/06		1 U	24	1 U	17	15	1 U	2 U	1 U	24	32	1 U	112
MW-206B	11/27/06		1 U	47	1.4	31	21	1 U	2 U	1.2	44	45	1 U	191
MW-206B	11/27/06	Fld Dupe	1 U	7.1	1 U	5	18	1 U	2 U	1 U	1 U	71	1 U	101
MW-206B	10/06/07		0.8	50	1	39	32	1 U	2 U	1	39	28	0.5 J	191
MW-206B	05/18/08		4 U	56	4 U	46	50	4 U	8 U	4 U	44	48	4 U	244
MW-206B	11/28/08		0.92 J	57.7	1.74	40.9	45.8	0.2 J	1 U	1.71	39.9	35.6	0.72 J	225
MW-206B	06/10/09		1	79	2.3	63	70	0.33 J	1 U	3.3	57	37	0.86 J	314
MW-206B	04/01/10		0.97 J	77	2.3	77	76	0.57 J	1 U	4.4	58	38	1.2	335
MW-206B	06/25/10		1	84	2.4	77	90	0.39 J	1 U	4.9	64	37	1.1	362
MW-206B	11/29/10		0.92 J	78	2.3	71	72	0.53 J	1 U	5.5	55	34	1.1	320
MW-206B	06/02/11		1.1	91	2.7	83	98	0.39 J	0.27 J	7.2	61	44	1.1	390
MW-206B	12/22/11		0.93 J	72	2.2	75	100	1 U	5 U	7.3	50	43	0.96 J	351
MW-206B	06/26/12		1	69	2.4	80	130	0.44 J	5 U	10	58	46	0.86 J	398
MW-206B	11/23/12		0.86 J	55	2.1	74	130	0.4 J	5 U	14	55	41	0.8 J	373
MW-206B	05/30/13		0.79 J	58	2	64	100	1 U	5 U	10	48	36	0.74 J	320
MW-206B	11/29/13		0.7 J	51	1.4	69	130	0.37 J	5 U	15	40	35	2.7	345
MW-206B	06/05/14		0.79 J	50	1.5	60	120	0.47 J	5 U	17	44	39	1.6	334
MW-206B	11/22/14		0.82 J	44	1.2	60	120	0.36 J	5 U	20	46	38	0.39 J	331
MW-206B	06/08/15		0.87 J	45	1.2	53	120	0.53 J	5 UB	21	42	38	0.42 J	322
MW-206B	11/09/15		0.81 J	36	0.76 J	46	110	0.44 J	0.44 J	20	37	30	0.3 J	282
MW-206B	06/27/16		0.6 J	32	0.61 J	42	99	0.36 J	5 U	20	33	28	0.29 J	256

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-206B	11/11/16		0.66 J	31	0.61 J	42	97	0.35 J	5 U	21	33	31	1 U	257
MW-206C	04/23/99		1 U	1 U	1 U	0.31	2.7	1 U	2 U	0.41	1.5	4.1	1 U	9
MW-206C	10/20/99		1 U	0.18 J	1 U	0.15 J	2.3	1 U	2 U	1 U	0.26 J	4.3	1 U	7
MW-206C	02/07/00		1 U	1 U	1 U	1 U	3.5	1 U	2 U	1 U	1 U	5.3	1 U	9
MW-206C	04/18/00		1 U	1 U	1 U	1 U	4	1 U	2 JB	1 U	1 U	6	1 U	12
MW-206C	07/25/00		1 U	1 U	1 U	1.3	4.8	1 U	2 U	1 U	1 U	3.5	1 U	10
MW-206C	11/07/00		1 U	0.14	1 U	0.12	2.3	1 U	2 U	1 U	0.29	3.4	1 U	6
MW-206C	11/07/00	Fld Dupe	1 U	0.14 J	1 U	0.12 J	2.3	1 U	2 U	1 U	0.28 J	3.3	1 U	6
MW-206C	04/09/01		1 U	0.36	1 U	0.28	4.3	1 U	2 U	0.25	0.7	6.6	1 U	12
MW-206C	04/09/01	Fld Dupe	1 U	0.33 J	1 U	0.26 J	4.2	1 U	2 U	0.26 J	0.48 J	6.3	1 U	12
MW-206C	10/16/01		1 U	0.24	1 U	0.11	5.9	1 U	2 U	0.2	0.18	7.6	1 U	14
MW-206C	04/16/02		1 U	1 U	1 U	0.17	6.9	1 U	2 U	0.06	1 U	14	1 U	21
MW-206C	10/08/02		5 U	5 U	5 U	5 U	15	5 U	4	5 U	5 U	30	1 U	49
MW-206C	04/22/03		1 U	0.86 J	1 U	0.55 J	14.4	1 U	2 U	1 U	1 U	43 E	1 U	59
MW-206C	04/22/03	Dilution	2.5 U	2.5 U	2.5 U	2.5 U	13.2	2.5 U	5 U	2.5 U	2.5 U	39.1	2.5 U	52
MW-206C	12/22/03		1 U	1.37	1 U	1.68	16.6	0.61 J	1 U	1 U	1 U	53 E	1 U	73
MW-206C	12/22/03	Dilution	4 U	4 U	4 U	4 U	14 D	4 U	4 U	4 U	4 U	44.7 D	4 U	59
MW-206C	04/28/04		2 U	1.21	2 U	2 U	14.9	2 U	4 U	2 U	2 U	37.7	2 U	54
MW-206C	05/21/05		1 U	1.5	1 U	1.1	9.2	1 U	2 U	1 U	1 U	34	1 U	46
MW-206C	10/19/05		1 U	3.8	1 U	2.6	15	1 U	0.1	1 U	1 U	47	1 U	69
MW-206C	05/06/06		1 U	5	1 U	3.5	14	1 U	2 U	1 U	1 U	52	1 U	75
MW-206C	11/27/06		1 U	6.5	1 U	4.4	17	1 U	2 U	1 U	1 U	85	1 U	113
MW-206C	10/06/07		1 U	5	1 U	4	11	1 U	2 U	0.4	1 U	44	1 U	64
MW-206C	05/18/08		2 U	5	2 U	4	12	2 U	4 U	2 U	2 U	38	2 U	59
MW-206C	11/28/08		1 U	3.11	1 U	2.01	5.23	1 U	1 U	1 U	1 U	19.4	1 U	30
MW-206C	06/10/09		1 U	2.7	1 U	1.8	4.8	1 U	1 U	1 U	1 U	16	1 U	25
MW-206C	04/01/10		1 U	3.4	1 U	2.7	4.8	1 U	1 U	1 U	1 U	16	1 U	27
MW-206C	06/25/10		1 U	5.2	1 U	3.6	6.5	1 U	1 U	1 U	1 U	20	1 U	35
MW-206C	11/29/10		1 U	3.9	1 U	3.1	5.1	1 U	1 U	1 U	1 U	16	1 U	28
MW-206C	06/02/11		1 U	6	1 U	3.9	6.9	1 U	0.26 J	1 U	1 U	22	1 U	39
MW-206C	12/22/11		1 U	6.3	1 U	4.4	7.5	1 U	5 U	0.3 J	1 U	24	1 U	43
MW-206C	06/26/12		1 U	5.8	1 U	3.8	6.1	1 U	5 U	1 U	1 U	19	1 U	35

**Table 2: Southeast Rockford Groundwater Contamination Site**  
**Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-206C	11/23/12		1 U	7.1	1 U	5.1	7.1	1 U	5 U	0.24 J	1 U	19	1 U	39
MW-206C	05/30/13		1 U	7.5	1 U	4.9	6.9	1 U	5 U	1 U	1 U	18	1 U	37
MW-206C	06/08/15	Fld Dupe	1 U	18	0.45 J	12	16	1 U	5 UB	0.45 J	1 U	23	0.3 J	70
MW-206C	06/08/15		1 U	18	0.44 J	12	16	1 U	5 UB	0.5 J	1 U	23	0.26 J	70
MW-206C	11/09/15		1 U	33	0.53 J	24	31	1 U	5 U	0.64 J	1 U	32	0.67 J	122
MW-206C	06/27/16		1 U	33	0.67 J	26	36	1 U	5 U	0.38 J	1 U	28	1.5	126
MW-206C	11/11/16		1 U	35	0.77 J	28	38	1 U	5 U	0.62 J	1 U	30	2.1	134
MW-207	04/23/99		0.39	0.76	2 U	2 U	1.6	2 U	4 U	2.6	2.7	26	2 U	34
MW-207	10/27/99		0.59 J	1.3	1 U	0.74 J	5.1	0.06 J	2 U	3.9	5.9	25	1 U	43
MW-207	02/17/00		0.54 J	1.1	1 U	0.22 J	1.2	1 U	2 U	2.8	2	22	1 U	30
MW-207	04/18/00		0.62 J	1.2	1 U	0.1 J	1.2	0.1 J	2 JB	2.7	2	20	1 U	30
MW-207	07/25/00		0.63	1.3	1 U	1 U	1.4	0.16	2 U	2.1	2	17	1 U	25
MW-207	11/08/00		0.71	2.1	1 U	0.24	1.4	1 U	2 U	2.3	1.9	16	1 U	25
MW-207	04/10/01		0.6	1.5	1 U	1 U	3.2	0.44	2 U	0.51	1.5	11	1 U	19
MW-207	10/16/01		0.44	5.3	1 U	0.13	3.4	0.33	2 U	1	4.2	22	1 U	37
MW-207	04/17/02		0.36	6.2	2 U	0.26	3.7	0.39	4 U	1.4	5.7	25	1 U	43
MW-207	10/08/02		1 U	8	1 U	6	5	1 U	0.8	0.9	5	21	1 U	47
MW-207	04/22/03		0.54 J	7.42	1 U	1.8	5.09	1 U	2 U	2.5	8.37	29.3 E	1 U	55
MW-207	04/22/03	Dilution	2 U	7.05	2 U	2.13	4.88	2 U	4 U	2.3	7.6	27.8	2 U	52
MW-207	12/28/03		0.53 J	6.12	1 U	2.64	4.5	1 U	1 U	2.58	8.64	29.4 E	1 U	54
MW-207	12/28/03	Dilution	2 U	5.68 D	2 U	2.18 D	3.78 D	2 U	2 U	2.21 D	7.19 D	25.8 D	2 U	47
MW-207	04/28/04		2 U	5.87	2 U	1.85	4.26	2 U	4 U	2.67	8.24	28.1	2 U	51
MW-207	05/21/05	Fld Dupe	1 U	4.4	1 U	1.6	3	1 U	2 U	2	5.3	18	1 U	34
MW-207	05/21/05		1 U	4.3	1 U	1.7	3	1 U	2 U	2.1	5.4	18	1 U	35
MW-207	10/19/05		1 U	4.5	1 U	1 U	2.7	1 U	2 U	1.3	5.7	17	1 U	31
MW-207	05/06/06		1 U	5.2	1 U	1.8	3.3	1 U	2 U	2	6.7	19	1 U	38
MW-207	11/27/06		1 U	5.7	1 U	1.1	3.1	1 U	2 U	2.6	9.3	24	1 U	46
MW-207	10/07/07		0.4	4	1 U	0.7	3	1 U	1 U	2	7	15	1 U	32
MW-207	05/18/08		1 U	4	1 U	2	3	1 U	2 U	2	7	15	1 U	33
MW-207	11/29/08		0.36 J	2.97	1 U	1 U	1.89	0.27 J	1 U	1.98	5.58	10.8	1 U	24
MW-207	06/10/09		0.31 J	2.4	1 U	0.65 J	1.8	1 U	1 U	2.1	4.6	9.9	1 U	22
MW-207	11/25/09		1 U	1.6	1 U	0.6 J	1.2	1 U	1 U	2.2	3.5	7.4	1 U	17
MW-207	06/24/10		0.18 J	1.3	1 U	0.52 J	1	1 U	1 U	1.9	2.8	5.6	1 U	13

**Table 2: Southeast Rockford Groundwater Contamination Site  
Cumulative Groundwater Analytical Results**

Well ID	Date	Sample Type	CFM	1,1-DCA	1,2-DCA	1,1-DCE	c1,2-DCE	t1,2-DCE	MC	PCE	1,1,1-TCA	TCE	VC	Total VOCs
			MCL	NA	NA	5	7	70	100	5	5	200	5	
MW-207	11/25/10		0.22 J	1.3	1 U	0.72 J	1.3	1 U	1 U	2.2	3	6	1 U	15
MW-207	06/02/11		1 U	1.5	1 U	0.6 J	1.2	1 U	0.3 J	1.6	2.8	5.2	1 U	13
MW-207	12/29/11		0.19 J	1.5	1 U	0.57 J	1.4	1 U	5 U	1.7	2.6	4.4	1 U	12
MW-207	06/26/12		0.27 J	1.4	1 U	0.4 J	1.2	1 U	5 U	1.3	2.2	3.9	1 U	11
MW-207	11/30/12		0.22 J	1.4	1 U	0.53 J	1.2	1 U	5 U	1.4	2.3	4	1 U	11
MW-207	05/31/13		1 U	1.8	1 U	0.5 J	1.4	1 U	5 U	1.4	2.4	4.5	1 U	12
MW-207	12/01/13		1 U	1.3	1 U	0.35 J	1.2	1 U	5 U	1.4	1.8	3.7	1 U	10
MW-207	06/04/14		0.29 J	1.7	1 U	0.64 J	1.3	1 U	5 U	1.5	2.7	4.5	1 U	13
MW-207	11/23/14		0.28 J	1.8	1 U	0.58 J	1.2	1 U	5 U	1.4	2.3	4	1 U	12
MW-207	06/08/15		0.63 J	18	1 U	7.6	3.2	0.23 J	5 UB	0.98 J	19	13	1 U	63
MW-207	11/15/15		0.55 J	17	1 U	0.45 J	2.7	0.49 J	5 U	1.2	19	8.7	1 U	50
MW-207	06/27/16		0.35 J	5.4	1 U	1.7	1.6	1 U	5 U	1.3	6	7.4	1 U	24
MW-207	11/12/16		0.31 J	2.9	1 U	1.3	1.2	1 U	0.25 J	1.4	3.8	5.2	1 U	16

## **Table 2: Southeast Rockford Groundwater Contamination Site Cumulative Groundwater Analytical Results**

Results reported in micrograms per liter ( $\mu\text{g/l}$ )

Highlighted results equal or exceed the Maximum Contaminant Level (MCL), where applicable

CFM	Chloroform
1,1-DCA	1,1-Dichloroethane
1,2-DCA	1,2-Dichloroethane
1,1-DCE	1,1-Dichloroethene
c1,2-DCE	cis- 1,2-Dichloroethene
t1,2-DCE	trans-1,2-Dichloroethene
MC	Methylene Chloride
PCE	Tetrachloroethene
1,1,1-TCA	1,1,1-Trichloroethane
TCE	Trichloroethene
VC	Vinyl Chloride
Total VOCs	Sum of Total Volatile Organic Compound Concentrations

B Concentration is less than the reporting limit but greater than the instrument detection limit.

D Reported concentration is based on an analysis requiring a secondary detection limit.

E The associated value exceeds the calibration range.

J The reported concentration is estimated.

U Analyte was not detected at or above the reporting limit.

Sample Type reported as undiluted, investigative sample unless stated otherwise

Fld Dupe Field Duplicate

**Table 3: Southeast Rockford NPL Site  
Groundwater Elevations**

Station Identification	Measurement Date	Water Level (ft TOC)	Groundwater Elevation (ft amsl)	Total Depth (ft TOC)	Comments
MW-16	11/28/20	23.29	704.62	62.36	
MW-47	11/12/16	41.28	694.38	54.49	
MW-101A	11/27/16	43.37	722.25	90.34	
MW-101B	11/27/16	44.19	722.43	153.74	
MW-101C	11/28/16	43.98	722.50	174.89	
MW-101D	11/27/16	46.33	718.63	212.72	
MW-102A	11/26/16	17.52	770.91	37.69	FD-2 field duplicate. After sampling, the flush protective casing was replaced with similar flush casing.
MW-102B	11/26/16	34.27	754.34	100.50	After sampling, the flush protective casing was replaced with similar flush casing.
MW-102C	11/27/16	37.54	752.33	187.42	After sampling, the flush protective casing was replaced with similar flush casing.
MW-113A	11/16/16	57.62	708.92	104.50	
MW-113B	11/16/16	56.24	710.41	155.26	
MW-114A	11/27/16	NA		97.48	Casing damaged (bent) well level could not be measured.
MW-114B	11/27/16	27.81	697.21	222.58	
MW-117B	11/11/16	5.39	690.87	89.50	
MW-117C	11/11/16	4.34	691.77	158.31	
MW-117D	11/11/16	3.81	692.29	200.20	
MW-119	11/12/16	25.69	693.28	62.41	
MW-121	11/17/16	22.25	694.73	67.55	
MW-124	11/12/16	35.14	696.16	102.76	FD-3 field duplicate
MW-130	11/13/16	23.94	704.01	38.17	
MW-133A	11/16/16	NA		37.85	Static water level below top of pump-no measurement.
MW-133B	11/16/16	27.10	753.23	61.49	
MW-133C	11/16/16	22.73	757.56	98.49	
MW-136	11/16/16	34.03	800.74	44.33	
MW-200	11/13/16	50.08	710.08	89.93	
MW-201	11/12/16	30.08	698.95	50.15	FD-1 field duplicate.
MW-202	11/13/16	29.17	700.45	50.01	
MW-203	11/13/16	28.68	700.41	49.35	Well pump was removed by unknown party. Sampled utilizing a QED sample pro portable pump with teflon liner & tubing.
MW-204	11/17/16	26.42	690.79	88.96	
MW-205A	11/11/16	2.34	694.28	110.27	After Sampling, converted from flush protective casing to above ground casing.
MW-205B	11/11/16	2.18	694.54	150.05	After Sampling, converted from flush protective casing to above ground casing.
MW-206A	11/11/16	2.36	691.34	90.24	
MW-206B	11/11/16	2.38	690.88	129.94	
MW-206C	11/11/16	2.53	690.53	251.31	
MW-207	11/12/16	34.50	689.67	90.81	

ft amsl Feet above mean sea level

ft TOC Feet from Top of Casing

**Table 4 - Southeast Rockford Groundwater Contamination Site  
Groundwater Monitoring Network**

Well ID	Easting	Northing	TOC Elevation (ft amsl) <sup>1</sup>	Ground Surface Elevation (ft amsl) <sup>1</sup>	Casing Stickup (ft) <sup>2</sup>	Total Depth (ft TOC) <sup>2</sup>	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Screen Length (ft)	Casing (in)	Casing Material	Aquifer screened	Location Description	Comments
MW-16	2593475.34	2030401.25	727.91	728.00	-0.09	62.36	62.36	42.70	47.70	5.00	2		unconsolidated	East of Kinsey Street, north of drain canal	flush mount; measured 01/15
MW-47	2588765.03	2028342.66	735.66	733.70	-0.63	54.49	54.49	48.00	53.00	5.00	2	SS	unconsolidated	Brooke Rd. 1/2 Block West of Kishwaukee Intersection. In shoulder on North side of road.	
MW-101A	2598084.40	2029683.41	765.62	764.10	1.45	90.35	90.35	78.00	88.00	10.00	2	SS	unconsolidated		
MW-101B	2598093.32	2029682.50	766.62	764.10	2.16	153.74	150.10	140.10	150.10	10.00	2	SS	bedrock	Northeast corner of Laude and 24th Street	
MW-101C	2598076.01	2029675.69	766.48	764.00	1.12	174.89	172.00	162.00	172.00	10.00	2	SS	bedrock		
MW-101D	2598066.94	2029682.19	764.96	763.90	0.89	212.72	212.80	202.80	212.80	10.00	2	SS	bedrock		
MW-102A <sup>3</sup>	2599371.95	2029982.56	788.43	786.50	-0.47	37.69	35.00	25.00	35.00	10.00	2	SS	unconsolidated	South of RR tracks, east of Laude Street (Owens-Corning Property)	flush mount ~2005
MW-102B	2599380.00	2029990.00	788.61	786.60	-0.68	100.50	98.00	88.00	98.00	10.00	2	SS	unconsolidated		flush mount ~2005
MW-102C <sup>3</sup>	2599388.00	2029999.00	789.87	787.70	-0.43	187.42	184.30	174.30	184.30	10.00	2	SS	bedrock		flush mount ~2005
MW-113A	2596096.44	2029869.64	766.54	767.00	-1.06	104.50	105.00	90.00	105.00	15.00	2	SS	bedrock	West of Willis and 18th Street	
MW-113B	2596088.18	2029873.56	766.65	766.40	-0.43	155.26	155.00	145.00	155.00	10.00	2	SS	bedrock		
MW-114A	2593333.10	2030016.18	726.89	724.90	2.45	97.48	95.00	85.00	95.00	10.00	2	SS	unconsolidated	Corner of Willis and Kinsey Street	casing slightly bent
MW-114B	2593338.00	2030023.51	725.02	725.20	-0.18	222.58	220.00	210.00	220.00	10.00	2	SS	sandstone		flush mount; measured 01/15
MW-117B	2586515.64	2028092.93	696.26	696.40	-0.45	89.50	89.50	79.50	89.50	10.00	2	SS	unconsolidated	Brooke Rd meridian. West of Grant Park Blvd.	
MW-117C	2586522.28	2028099.95	696.11	696.40	-0.63	158.31	159.50	149.50	159.50	10.00	2	SS	unconsolidated		
MW-117D	2586502.42	2028081.65	696.10	696.40	-0.30	200.00	200.00	190.50	200.50	10.00	2	SS			TOS from well completion
MW-119	2589374.24	2027137.22	718.97	716.50	3.25	62.41	59.50	49.50	59.50	10.00	2	SS	unconsolidated	Corner of Sawyer and South 4th Street	
MW-121	2587523.45	2030898.78	716.98	714.50	2.53	67.55	64.50	54.50	64.50	10.00	2	SS	unconsolidated	Corner of Harrison Ave. and Olsen Street	
MW-124	2590224.67	2030300.32	731.30	729.00	2.17	102.76	100.00	95.00	100.00	5.00	2	SS	unconsolidated	South of Park Court, west of railroad track	
MW-130	2594440.11	2030701.27	727.95	728.00	-0.30	38.17	37.50	27.50	37.50	10.00	2	SS	unconsolidated	Corner of Alton Ave. and Sewell Street	
MW-133A	2600083.74	2028900.38	780.18	777.60	2.30	37.85	35.00	25.00	35.00	10.00	2	SS	unconsolidated	West end of Balsam Lane	
MW-133B	2600084.59	2028906.98	780.33	777.50	2.51	61.49	58.00	48.00	58.00	10.00	2	SS	unconsolidated		
MW-133C	2600090.11	2028901.64	780.29	777.70	2.37	98.49	96.00	86.00	96.00	10.00	2	SS	bedrock		
MW-136	2603572.26	2027821.67	834.77	834.90	-0.42	44.33	45.00	40.00	45.00	5.00	2	SS	bedrock	North end of New England Drive	
MW-200	2595998.62	2027199.13	760.16	759.01	1.15	89.93	90.00	78.00	88.00	10.00	2	SS	not reported	Southeast corner of 17th Street and Sawyer	
MW-201	2591771.57	2031653.69	729.03	729.35	-0.32	50.15	50.00	40.00	50.00	10.00	2	SS	not reported	Northeast Corner of Rockford Products Parking lot on the East side of 9th St, North of Harrison Ave.	flush mount
MW-202	2592985.38	2032213.06	729.62	729.94	-0.32	50.01	50.00	40.00	50.00	10.00	2	SS	not reported		West of 11th Street, South of Harrison Ave./23rd Street (Abe Pekarsky property, parking lot)
MW-203	2592993.40	2032079.04	729.09	729.67	-0.58	49.35	50.00	40.00	50.00	10.00	2	SS	not reported	West of 11th Street, South of Harrison Ave./23rd Street (Abe Pekarsky property, parking lot)	flush mount
MW 204	2585435.61	2029789.39	717.21	717.21	-0.39	88.96	90.00	80.00	90.00	10.00	2	SS	not reported	South end of Falun Street	
MW-205A <sup>3</sup>	2585564.99	2027820.78	696.62	693.67	2.95	110.27	110.50	100.50	110.50	10.00	2	SS	not reported	North of Brooke Road, east of Rock River	above ground 12/16
MW-205B <sup>3</sup>	2585567.66	2027827.74	696.72	693.70	3.02	150.05	150.00	140.50	150.50	10.00	2	SS	not reported		above ground 12/16
MW-206A	2585871.82	2026940.34	693.70	694.06	-0.36	90.24	90.50	80.00	90.00	10.00	2	SS	not reported	Between River Blvd. and the Rock River	
MW-206B	2585856.13	2026938.65	693.26	693.71	-0.45	129.94	130.50	120.00	130.00	10.00	2	SS	not reported		
MW-206C	2585860.69	2026940.21	693.06	693.61	-0.55	251.31	250.00	240.00	250.00	10.00	2	SS	not reported		
MW-207	2587190.96	2026478.18	724.17	724.47	-0.30	90.81	90.00	80.00	90.00	10.00	2	SS	not reported	Corner of Martin Road & Grant Park Blvd.	

<sup>1</sup> Checked against Table 3.1 of 1998 NES work Plan

<sup>2</sup> From field reports

<sup>3</sup> See main text

IEPA keys      From NES well completion forms  
calculated TOC elevation, from ground surface and stickup  
calculated ground surface elevation, from TOC and stickup  
adjusted to reflect 01/05/15 TOC measurement

## **APPENDIX A**

### Groundwater Monitoring

Data Validation Summary  
Laboratory Data Sheets



## Data Quality Control Criteria Review Summary

**SDG Number: 1611304****Project Number: 1016-2****Site:** SE Rockford, 36<sup>th</sup> Event**Contractor Lab:** TriMatrix (Grand Rapids, MI)**Validator:** Brian LaFlamme**Validation Date:** 03/29/17**Sample Matrix:** Water**Sample Date:** 11/11/16 – 11/13/16**Analytical Methods:** EPA SW-846 Method 8260B**Sample Designations:**

<b>MW-47</b>	<b>MW-124</b>	<b>MW-203</b>	<b>MW-206C</b>
<b>MW-117B</b>	<b>MW-130</b>	<b>MW-205A</b>	<b>MW-207</b>
<b>MW-117C</b>	<b>MW-200</b>	<b>MW-205B</b>	<b>FD-1 (field duplicate of MW-201)</b>
<b>MW-117D</b>	<b>MW-201</b>	<b>MW-206A</b>	<b>Trip Blank</b>
<b>MW-119</b>	<b>MW-202</b>	<b>MW-206B</b>	

The analytical data were reviewed in accordance with the analytical methods, SW-846 validation guidelines, and the Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

**Quality Control Summary**

QC Review Item	VOA
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	1
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	X
System Performance	2
Field Quality Control Results #	3
Other	4

X     Acceptable, no qualification necessary

NR     Not required

#     See validation summary comment

NA     Not applicable

\*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.

#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

Is action required by the Project Manager?

- Acceptable for use
- Acceptable for use as qualified
- Unacceptable for use

Yes  No

**Data Validation Summary Comments:**

- 1. Laboratory Blank Results** – Four compounds were detected in the method blank for QC batch 1612355. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
1,2-Dichlorobenzene	0.16 J	N/A	N/A
1,4-Dichlorobenzene	0.29 J	N/A	N/A
Bromomethane	0.49 J	N/A	N/A
Carbon Disulfide	0.30 J	MW-206A & MW-206B	5 UB

- 2. System Performance** – The corresponding continuing calibration verification (CCV) sample for Bromomethane had a recovery that exceeded the upper control limit of the method. However, because Bromomethane was not detected in any associated investigative sample, qualification is not necessary.

The corresponding CCV sample for 1,2-Dibromo-3-chloropropane had a recovery that exceeded the upper control limit of the method. However, because 1,2-Dibromo-3-chloropropane was not detected in any associated investigative sample, qualification is not necessary.

- 3. Field Quality Control Samples** – The relative percent difference (RPD) is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. However, the RPD between the investigative and duplicate samples was less than or equal to 9%. This value only considers the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.
- 4. Other** – The laboratory noted a discrepancy on the chain of custody form (COC) and vial during this sampling event. After conferring with the field person it was noted that MW-124 was collected at 1457 yet mislabeled as MW-121 on the COC, and mislabeled as MW-119 on the vials. The laboratory was notified of the correction. Data were not compromised and qualification is not necessary.

**OVERALL ASSESSMENT OF DATA**

The TriMatrix Work Order Report # 1611304 is 100 percent complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-47** Sampled: 11/12/16 12:54  
 Lab Sample ID: **1611304-09** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 14:46 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>0.27J</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-47** Sampled: 11/12/16 12:54  
 Lab Sample ID: **1611304-09** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 14:46 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	98	85-118		
1,2-Dichloroethane-d4	97	87-122		
Toluene-d8	99	85-113		
4-Bromofluorobenzene	98	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-117B** Sampled: 11/11/16 16:48  
 Lab Sample ID: **1611304-08** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 14:18 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.273</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>16</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>7.5</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>1.5</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-117B** Sampled: 11/11/16 16:48  
 Lab Sample ID: **1611304-08** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 14:18 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>11</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>29</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>11</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	100	85-118		
1,2-Dichloroethane-d4	98	87-122		
Toluene-d8	99	85-113		
4-Bromofluorobenzene	97	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-117C** Sampled: 11/11/16 16:17  
 Lab Sample ID: **1611304-07** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 13:50 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.29J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>46</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>11</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>2.2</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications



## ANALYTICAL REPORT

Client:	<b>Nationwide Environmental Services, Inc.</b>	Work Order:	<b>1611304</b>
Project:	SE Rockford, IL Site	Description:	Laboratory Services
Client Sample ID:	<b>MW-117C</b>	Sampled:	11/11/16 16:17
Lab Sample ID:	<b>1611304-07</b>	Sampled By:	Patrick Egan
Matrix:	Water	Received:	11/15/16 08:30
Unit:	ug/L	Prepared:	11/21/16 07:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/16 13:50 By: BAG
QC Batch:	1612355	Analytical Batch:	6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>15</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>24</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>9.4</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		100	85-118	
1,2-Dichloroethane-d4		97	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		98	82-110	

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-117D** Sampled: 11/11/16 15:50  
 Lab Sample ID: **1611304-06** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 13:21 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.23J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>34</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>8.2</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>1.7</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.25J</b>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications



## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
Project: SE Rockford, IL Site Description: Laboratory Services  
Client Sample ID: **MW-117D** Sampled: 11/11/16 15:50  
Lab Sample ID: **1611304-06** Sampled By: Patrick Egan  
Matrix: Water Received: 11/15/16 08:30  
Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
Dilution Factor: 1 Analyzed: 11/21/16 13:21 By: BAG  
QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>14</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>26</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>8.2</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		96	85-118	
1,2-Dichloroethane-d4		93	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		98	82-110	

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-119** Sampled: 11/12/16 14:17  
 Lab Sample ID: **1611304-11** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 15:43 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>0.66J</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client:	<b>Nationwide Environmental Services, Inc.</b>	Work Order:	<b>1611304</b>
Project:	SE Rockford, IL Site	Description:	Laboratory Services
Client Sample ID:	<b>MW-119</b>	Sampled:	11/12/16 14:17
Lab Sample ID:	<b>1611304-11</b>	Sampled By:	Patrick Egan
Matrix:	Water	Received:	11/15/16 08:30
Unit:	ug/L	Prepared:	11/21/16 07:00
Dilution Factor:	1	Analyzed:	11/21/16 15:43
QC Batch:	1612355	Analytical Batch:	6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>0.92J</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>0.29J</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
<i>Dibromofluoromethane</i> % Recovery      Control Limits				
97                          85-118				
1,2-Dichloroethane-d4      96      87-122				
Toluene-d8      100      85-113				
4-Bromofluorobenzene      97      82-110				

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.**  
 Project: SE Rockford, IL Site  
 Client Sample ID: **MW-121 → MW-124 3/29/17**  
 Lab Sample ID: **1611304-12**  
 Matrix: Water  
 Unit: ug/L  
 Dilution Factor: 1  
 QC Batch: 1612355

Work Order: **1611304**  
 Description: Laboratory Services  
 Sampled: 11/12/16 14:57  
 Sampled By: Patrick Egan  
 Received: 11/15/16 08:30  
 Prepared: 11/21/16 07:00 By: BAG  
 Analyzed: 11/21/16 16:12 By: BAG  
 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	<b>0.973</b>	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>50</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>6.0</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>22</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>0.683</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.313</b>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-121** MW-121 3.29.17 Sampled: 11/12/16 14:57  
 Lab Sample ID: **1611304-12** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 16:12 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>8.4</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>29</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>3.8</b>	1.0	0.26
75-01-4	Vinyl Chloride	<b>2.6</b>	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		100	85-118	
1,2-Dichloroethane-d4		97	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		98	82-110	

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-130** Sampled: 11/13/16 15:51  
 Lab Sample ID: **1611304-17** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 18:34 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>9.8</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>1.2</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>1.9</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.273</b>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-130** Sampled: 11/13/16 15:51  
 Lab Sample ID: **1611304-17** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 18:34 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>0.40J</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>7.6</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>1.6</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	94	85-118		
1,2-Dichloroethane-d4	93	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	98	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-200** Sampled: 11/13/16 16:32  
 Lab Sample ID: **1611304-18** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 20:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/22/16 06:49 By: BAG  
 QC Batch: 1612425 Analytical Batch: 6K22030

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-200** Sampled: 11/13/16 16:32  
 Lab Sample ID: **1611304-18** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 20:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/22/16 06:49 By: BAG  
 QC Batch: 1612425 Analytical Batch: 6K22030

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
1,2-Dichloroethane-d4	90	85-118		
Toluene-d8	90	87-122		
4-Bromofluorobenzene	99	85-113		
	98	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-201** Sampled: 11/12/16 15:55  
 Lab Sample ID: **1611304-13** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 16:40 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>1.7</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>0.78J</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-201** Sampled: 11/12/16 15:55  
 Lab Sample ID: **1611304-13** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 16:40 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>1.2</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>2.4</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>0.503</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	95	85-118		
1,2-Dichloroethane-d4	94	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	98	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **FD-1** Sampled: 11/12/16 15:58  
 Lab Sample ID: **1611304-14** *MW-201  
Field duplicate* Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 17:09 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>1.6</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>0.713</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **FD-1** Sampled: 11/12/16 15:58  
 Lab Sample ID: **1611304-14** MW-201 Field duplicate  
 Matrix: Water Sampled By: Patrick Egan  
 Unit: ug/L Received: 11/15/16 08:30  
 Dilution Factor: 1 Prepared: 11/21/16 07:00 By: BAG  
 QC Batch: 1612355 Analyzed: 11/21/16 17:09 By: BAG  
 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>1.2</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>2.4</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>0.48J</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
<i>Dibromofluoromethane</i>				
	97	85-118		
<i>1,2-Dichloroethane-d4</i>				
	95	87-122		
<i>Toluene-d8</i>				
	100	85-113		
<i>4-Bromofluorobenzene</i>				
	97	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-202** Sampled: 11/13/16 15:04  
 Lab Sample ID: **1611304-16** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 18:06 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-202** Sampled: 11/13/16 15:04  
 Lab Sample ID: **1611304-16** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 18:06 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>0.74J</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
<i>Dibromofluoromethane</i>				
<i>% Recovery</i>				
<i>92</i>				
<i>1,2-Dichloroethane-d4</i>				
<i>% Recovery</i>				
<i>91</i>				
<i>Toluene-d8</i>				
<i>% Recovery</i>				
<i>100</i>				
<i>4-Bromofluorobenzene</i>				
<i>% Recovery</i>				
<i>97</i>				
<i>Control Limits</i>				
<i>85-118</i>				
<i>87-122</i>				
<i>85-113</i>				
<i>82-110</i>				

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-203** Sampled: 11/13/16 14:26  
 Lab Sample ID: **1611304-15** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 17:37 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-203** Sampled: 11/13/16 14:26  
 Lab Sample ID: **1611304-15** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 17:37 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>3.9</b>	1.0	0.26
108-88-3	Toluene	<b>0.97J</b>	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		93	85-118	
1,2-Dichloroethane-d4		92	87-122	
Toluene-d8		100	85-113	
4-Bromofluorobenzene		97	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-205A** Sampled: 11/11/16 14:40  
 Lab Sample ID: **1611304-04** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 12:25 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.263</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>26</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>8.1</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>2.2</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-205A** Sampled: 11/11/16 14:40  
 Lab Sample ID: **1611304-04** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 12:25 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>16</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>21</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>12</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
Dibromofluoromethane	% Recovery	Control Limits		
	95	85-118		
1,2-Dichloroethane-d4	92	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	97	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-205B** Sampled: 11/11/16 15:09  
 Lab Sample ID: **1611304-05** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 12:53 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.27J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>33</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>9.9</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>2.5</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-205B** Sampled: 11/11/16 15:09  
 Lab Sample ID: **1611304-05** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 12:53 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>17</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>22</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>11</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		98	85-118	
1,2-Dichloroethane-d4		95	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		98	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-206A** Sampled: 11/11/16 12:45  
 Lab Sample ID: **1611304-01** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 10:59 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
*75-15-0	Carbon Disulfide	0.343B-5UTB	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	0.23J	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	14	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	5.7	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	2.4	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-206A** Sampled: 11/11/16 12:45  
 Lab Sample ID: **1611304-01** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 10:59 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>5.5</b>	1.0	0.26
108-88-3	Toluene	<b>0.34J</b>	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>20</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>8.5</b>	1.0	0.26
75-01-4	Vinyl Chloride	<b>0.49J</b>	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
<i>Dibromofluoromethane</i>				
95				
<i>1,2-Dichloroethane-d4</i>				
90				
<i>Toluene-d8</i>				
99				
<i>4-Bromofluorobenzene</i>				
97				
<i>% Recovery</i>				
<i>Control Limits</i>				

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-206B** Sampled: 11/11/16 13:14  
 Lab Sample ID: **1611304-02** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 11:28 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
*75-15-0	Carbon Disulfide	~0.243B~ <i>SUB</i>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.66J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>31</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	<b>0.61J</b>	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>42</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>97</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>0.35J</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	<b>0.22J</b>	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-206B** Sampled: 11/11/16 13:14  
 Lab Sample ID: **1611304-02** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 11:28 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>21</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>33</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>1.9</b>	1.0	0.24
79-01-6	Trichloroethene	<b>31</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		95	85-118	
1,2-Dichloroethane-d4		89	87-122	
Toluene-d8		100	85-113	
4-Bromofluorobenzene		98	82-110	

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-206C** Sampled: 11/11/16 13:52  
 Lab Sample ID: **1611304-03** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 11:56 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>35</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	<b>0.773</b>	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>28</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>38</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-206C** Sampled: 11/11/16 13:52  
 Lab Sample ID: **1611304-03** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 11:56 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>0.62J</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>1.6</b>	1.0	0.24
79-01-6	Trichloroethene	<b>30</b>	1.0	0.26
75-01-4	Vinyl Chloride	<b>2.1</b>	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
Dibromofluoromethane	<i>% Recovery</i>	<i>Control Limits</i>		
	95	85-118		
1,2-Dichloroethane-d4	92	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	98	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-207** Sampled: 11/12/16 13:36  
 Lab Sample ID: **1611304-10** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 15:15 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.31J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>2.9</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>1.3</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>1.2</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.25J</b>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-207** Sampled: 11/12/16 13:36  
 Lab Sample ID: **1611304-10** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/21/16 07:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/21/16 15:15 By: BAG  
 QC Batch: 1612355 Analytical Batch: 6K21021

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>1.4</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>3.8</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>5.2</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
<i>Dibromofluoromethane</i>	<i>% Recovery</i>	<i>Control Limits</i>		
<i>1,2-Dichloroethane-d4</i>	<i>97</i>	<i>85-118</i>		
<i>Toluene-d8</i>	<i>97</i>	<i>87-122</i>		
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>85-113</i>		
	<i>97</i>	<i>82-110</i>		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611304**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **Trip Blank TM3736** Sampled: 11/13/16 00:00  
 Lab Sample ID: **1611304-19** Sampled By: Pace Analytical  
 Matrix: Water Received: 11/15/16 08:30  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 10:38 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	<b>15J</b>	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.77J</b>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

VALIDATED



## ANALYTICAL REPORT

Client:	<b>Nationwide Environmental Services, Inc.</b>	Work Order:	<b>1611304</b>
Project:	SE Rockford, IL Site	Description:	Laboratory Services
Client Sample ID:	<b>Trip Blank TM3736</b>	Sampled:	11/13/16 00:00
Lab Sample ID:	<b>1611304-19</b>	Sampled By:	Pace Analytical
Matrix:	Water	Received:	11/15/16 08:30
Unit:	ug/L	Prepared:	11/23/16 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/23/16 10:38 By: BAG
QC Batch:	1612507	Analytical Batch:	6K28004

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		97	85-118	
1,2-Dichloroethane-d4		95	87-122	
Toluene-d8		98	85-113	
4-Bromofluorobenzene		101	82-110	



5560 Corporate Exchange Court SE  
Grand Rapids, MI 49512  
Phone (616) 975-4500 Fax (616) 942-7463  
www.trimatrixlabs.com

## Chain of Custody Record

COC No. **156532**

For Lab Use Only	
Cart	—
VOA Rec'd/Tray	Client Name
304R-H09R50R	Nationwide Env Svs
Receipt Log No.	Address
3048	14818 W 6 <sup>th</sup> Ave St25A
Project Chemist	City, State ZIP
	Golden CO 80401
Work Order No.	Phone/Fax
1011304	Email 3032322134

Project Name	SE Rock
Client Project No. / P.O. No.	
Invoice To	<input type="checkbox"/> Client <input type="checkbox"/> Other (comments)
Contact/Report To	B Labflame

### Analyses Requested

Pg. 1 of 2

D	/							
VOC	for	Contract						

Container Type (corresponds to Container Packing List)

- PRESERVATIVES
- A NONE pH=7
- B HNO<sub>3</sub> pH<2
- C H<sub>2</sub>SO<sub>4</sub> pH<2
- D 1+1 HCl pH<2
- E NaOH pH>12
- F ZnAc/NaOH pH>9
- G MeOH
- H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C O M P A R	Matrix	Number of Containers Submitted	Total	Sample Comments
		01	MW 206 A	TM373	11/11	1245	X	GW	3	3	
		02	MW 206 B		11/11	1314	X	GW	3	3	
		03	MW 206 C		11/11	1352	X	GW	3	3	
		04	MW 205 A		11/11	1440	X	GW	3	3	
		05	MW 205 B		11/11	1509	X	GW	3	3	
		06	MW 117 D		11/11	1550	X	GW	3	3	
		07	MW 117 C		11/11	1617	X	GW	3	3	
		08	MW 117 B		11/11	1648	X	GW	3	3	
		09	MW 47		11/12	1254	X	GW	3	3	
		10	MW 207		11/12	1336	X	GW	3	3	

Sampled By (print)

Patrick Egan  
Signature  
RPL Egan  
Company  
AEE

How Shipped?

Hand

Carrier

Fedex

Tracking No.

777701042815

Comments

all samples kept in secure location @ 4°C

1 Received By

Date

Time

2 Relinquished By

Date

Time

3 Relinquished By

Date

Time

4 Received For Lab By

Date

Time

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD



5560 Corporate Exchange Court SE  
Grand Rapids, MI 49512

Phone (616) 975-4500 Fax (616) 942-7463  
www.trimatrixlabs.com

## Chain of Custody Record

COC No. **156533**

For Lab Use Only	
Cart	-
VOA Rack/Tray	Client Name
399AR, 40GR, 520R	Nationwide Env. Svcs
Receipt Log No.	Address
39.8	1416 W. 6th Ave STE 5A
Project Chemist	City, State ZIP
	Golden CO 80401
Work Order No.	Phone/Fax
1011304	303 232 2154
Email	

Project Name:	SE ROCK
Client Project No./P.O. No.	
Invoice To:	<input type="checkbox"/> Client
	<input type="checkbox"/> Other (comments)
Comments/Report To:	BLB/laure

Analyses Requested

Pg. 2 of 2

- ↪ PRESERVATIVES
- A NONE pH=7
  - B HNO<sub>3</sub> pH<2
  - C H<sub>2</sub>SO<sub>4</sub> pH<2
  - D 1+1 HCl pH<2
  - E NaOH pH>12
  - F ZnAc/NaOH pH>9
  - G MeOH
  - H Other (note below)

D								
VOC	solid	solid						

Container Type (corresponds to Container/Packing List)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C O N T A I N E R Y	Matrix	Number of Containers Submitted	Total	Sample Comments
	11	11	MW 119	TM3736	11/12	1417		X GW 3		3	
	12	12	MW 121 MW 124		11/12	1457		X GW 3		3	
	13	13	MW 201		11/12	1535		X GW 3		3	
	14	14	FA 1		11/12	1558		X GW 3		3	
	15	15	MW 203		11/13	1426		X GW 3		3	
	16	16	MW 202		11/13	1504		X GW 3		3	
	17	17	MW 130		11/13	1551		X GW 3		3	
	18	18	MW 200		11/13	1632		X GW 3		3	
	19	19	Trap Blank						- - - - 1	1	
	20										

Sampled By (print)

Patrick Egan  
Dale Bonn  
AEB

How Shipped?

Hand

Carrier FedEx

Tracking No.

7777 0104 2815

Comments

all samples kept in secure location 40

Company

1. Received By

Date

Time

2. Retrashed By

Date

Time

3. Relinquished By

Date

Time

## Data Quality Control Criteria Review Summary

**SDG Number: 1611379****Project Number: 1016-2****Site:** SE Rockford, 36<sup>th</sup> Event**Contractor Lab:** TriMatrix (Grand Rapids, MI)**Validator:** Brian LaFlamme**Validation Date:** 03/29/17**Sample Matrix:** Water**Sample Date:** 111/16/16 – 11/17/16**Analytical Methods:** EPA SW-846 Method 8260B**Sample Designations:**

<b>MW-113A</b>	<b>MW-133A</b>	<b>MW-136</b>	<b>FD-3 (field duplicate of MW-124)</b>
<b>MW-113B</b>	<b>MW-133B</b>	<b>MW-204</b>	<b>Trip Blank</b>
<b>MW-121</b>	<b>MW-133C</b>		

The analytical data were reviewed in accordance with the analytical methods, SW-846 validation guidelines, and the Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

**Quality Control Summary**

QC Review Item	VOA
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	1
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	2
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	X
System Performance	3
Field Quality Control Results #	4
Other	X

X      Acceptable, no qualification necessary

NR      Not required

#      See validation summary comment

NA      Not applicable

\*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.

#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

Is action required by the Project Manager?

- Acceptable for use
- Acceptable for use as qualified
- Unacceptable for use

Yes  No

**Data Validation Summary Comments:**

- 1. Laboratory Blank Results** – Three compounds were detected in the method blank for QC batch 1612425. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
1,2-Dichlorobenzene	0.12 J	N/A	N/A
1,4-Dichlorobenzene	0.20 J	N/A	N/A
Methylene Chloride	0.28 J	MW-133B	25 UB

Four compounds were detected in the method blank for QC batch 1612507. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
1,2-Dichlorobenzene	0.18 J	N/A	N/A
1,4-Dichlorobenzene	0.31 J	MW-204	1 UB
Bromomethane	0.34 J	N/A	N/A
Carbon Disulfide	0.27 J	N/A	N/A

- 2. Matrix Spike/Matrix Duplicate (MS/MSD) Results** – The MS and MSD recovery was lower than the lower control limit for 1,2-Dibromo-3-chloropropane in QC batch 1612425. However, because 1,2-Dibromo-3-chloropropane was not detected in any associated investigative sample, qualification is not necessary.
- 3. System Performance** – The corresponding continuing calibration verification (CCV) sample for 1,2-Dibromo-3-chloropropane had a recovery that exceeded the upper control limit of the method. However, because 1,2-Dibromo-3-chloropropane was not detected in any associated investigative sample, qualification is not necessary.
- 4. Field Quality Control Samples** – Two compounds were detected in the trip blank associated with the investigated samples for the sample delivery group (SDG) 1611379. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
Acetone	14 J	MW-136	20 UB
Methylene Chloride	0.80 J	MW-133C & MW-136	5 UB
		MW-133B	NA <sup>1</sup>

<sup>1</sup>This investigate sample was already qualified because of a detection of methylene chloride in the method blank.

The relative percent difference (RPD) is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. However, the RPD between the investigative and duplicate samples was less than or equal to 32%. This value only considers the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

**OVERALL ASSESSMENT OF DATA**

The TriMatrix Work Order Report # 1611379 is 100 percent complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

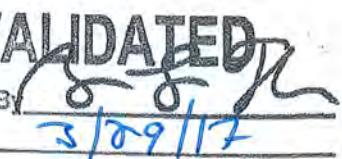
**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-113A** Sampled: 11/16/16 17:07  
 Lab Sample ID: **1611379-06** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 13:58 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>1.1</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>120</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>25</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>21</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>4.0</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page


 VALIDATED  
 3/29/17

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-113A** Sampled: 11/16/16 17:07  
 Lab Sample ID: **1611379-06** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 13:58 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>14</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>130</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>0.64J</b>	1.0	0.24
79-01-6	Trichloroethene	<b>43</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
<i>% Recovery      Control Limits</i>				
Dibromofluoromethane      100      85-118				
1,2-Dichloroethane-d4      99      87-122				
Toluene-d8      99      85-113				
4-Bromofluorobenzene      101      82-110				

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-113B** Sampled: 11/16/16 16:40  
 Lab Sample ID: **1611379-05** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 13:30 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	63	1.0	0.20
107-06-2	1,2-Dichloroethane	0.403	1.0	0.27
75-35-4	1,1-Dichloroethene	13	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	38	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.7	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-113B** Sampled: 11/16/16 16:40  
 Lab Sample ID: **1611379-05** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 13:30 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>2.3</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>11</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>18</b>	1.0	0.26
75-01-4	Vinyl Chloride	<b>9.7</b>	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	99	85-118		
1,2-Dichloroethane-d4	98	87-122		
Toluene-d8	99	85-113		
4-Bromofluorobenzene	100	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-121** Sampled: 11/17/16 10:07  
 Lab Sample ID: **1611379-08** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 14:55 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	<b>2.1</b>	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.71J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>61</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>22</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>4.9</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>0.75J</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	<b>0.35J</b>	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

**VALIDATED**  
 Reviewed By   
 Date 3/29/17



## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
Project: SE Rockford, IL Site Description: Laboratory Services  
Client Sample ID: **MW-121** Sampled: 11/17/16 10:07  
Lab Sample ID: **1611379-08** Sampled By: Patrick Egan  
Matrix: Water Received: 11/18/16 08:00  
Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
Dilution Factor: 1 Analyzed: 11/23/16 14:55 By: BAG  
QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>1.7</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>30</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>29</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
<i>Dibromofluoromethane</i>		99	85-118	
<i>1,2-Dichloroethane-d4</i>		99	87-122	
<i>Toluene-d8</i>		99	85-113	
<i>4-Bromofluorobenzene</i>		100	82-110	

VALIDATED  
Reviewed By \_\_\_\_\_  
Date 3/29/17

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **FD-3** Sampled: 11/17/16 11:06  
 Lab Sample ID: **1611379-09** *MW-174  
Field duplicate* Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/21/16 20:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/22/16 06:20 By: BAG  
 QC Batch: 1612425 Analytical Batch: 6K22030

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	<b>0.70J</b>	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
*96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>37</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>4.7</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>17</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>0.51J</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **FD-3** Sampled: 11/17/16 11:06  
 Lab Sample ID: **1611379-09** *MW-12/4  
Field duplicate* Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/21/16 20:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/22/16 06:20 By: BAG  
 QC Batch: 1612425 Analytical Batch: 6K22030

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>8.1</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>29</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>3.8</b>	1.0	0.26
75-01-4	Vinyl Chloride	<b>2.3</b>	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	91	85-118		
1,2-Dichloroethane-d4	87	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	98	82-110		

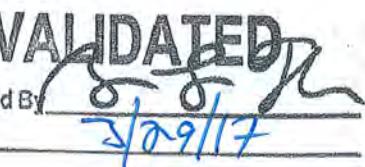
## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-133A** Sampled: 11/16/16 14:13  
 Lab Sample ID: **1611379-01** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 12:04 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

**VALIDATED**  
  
 3/29/17

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-133A** Sampled: 11/16/16 14:13  
 Lab Sample ID: **1611379-01** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 12:04 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	96	85-118		
1,2-Dichloroethane-d4	96	87-122		
Toluene-d8	99	85-113		
4-Bromofluorobenzene	100	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-133B** Sampled: 11/16/16 14:48  
 Lab Sample ID: **1611379-02** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/21/16 20:00 By: BAG  
 Dilution Factor: 5 Analyzed: 11/22/16 03:03 By: BAG  
 QC Batch: 1612425 Analytical Batch: 6K22030

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	100U	100	9.3
71-43-2	Benzene	5.0U	5.0	1.2
74-97-5	Bromochloromethane	5.0U	5.0	1.4
75-27-4	Bromodichloromethane	5.0U	5.0	1.0
75-25-2	Bromoform	5.0U	5.0	1.2
74-83-9	Bromomethane	5.0U	5.0	1.4
75-15-0	Carbon Disulfide	25U	25	1.2
56-23-5	Carbon Tetrachloride	5.0U	5.0	1.4
108-90-7	Chlorobenzene	5.0U	5.0	1.0
75-00-3	Chloroethane	5.0U	5.0	1.4
67-66-3	Chloroform	<b>2.8J</b>	5.0	1.2
74-87-3	Chloromethane	5.0U	5.0	1.2
*96-12-8	1,2-Dibromo-3-chloropropane	5.0U	5.0	1.2
124-48-1	Dibromochloromethane	5.0U	5.0	1.3
106-93-4	1,2-Dibromoethane	5.0U	5.0	1.1
95-50-1	1,2-Dichlorobenzene	5.0U	5.0	0.55
541-73-1	1,3-Dichlorobenzene	5.0U	5.0	1.4
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.80
75-34-3	1,1-Dichloroethane	<b>150</b>	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0U	5.0	1.4
75-35-4	1,1-Dichloroethene	<b>47</b>	5.0	1.1
156-59-2	cis-1,2-Dichloroethene	<b>74</b>	5.0	1.2
156-60-5	trans-1,2-Dichloroethene	<b>6.8</b>	5.0	1.3
78-87-5	1,2-Dichloropropane	5.0U	5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	5.0U	5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0U	5.0	1.3
100-41-4	Ethylbenzene	5.0U	5.0	0.65
591-78-6	2-Hexanone	25U	25	3.0
*75-09-2	Methylene Chloride	<b>2.8JB-25UB</b>	25	1.2
78-93-3	2-Butanone (MEK)	25U	25	7.0
108-10-1	4-Methyl-2-pentanone (MIBK)	25U	25	6.9

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-133B** Sampled: 11/16/16 14:48  
 Lab Sample ID: **1611379-02** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/21/16 20:00 By: BAG  
 Dilution Factor: 5 Analyzed: 11/22/16 03:03 By: BAG  
 QC Batch: 1612425 Analytical Batch: 6K22030

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	5.0U	5.0	0.80
79-34-5	1,1,2,2-Tetrachloroethane	5.0U	5.0	1.1
127-18-4	Tetrachloroethene	<b>57</b>	5.0	1.3
108-88-3	Toluene	5.0U	5.0	0.65
71-55-6	1,1,1-Trichloroethane	<b>440</b>	5.0	1.4
79-00-5	1,1,2-Trichloroethane	<b>1.8J</b>	5.0	1.2
79-01-6	Trichloroethene	<b>44</b>	5.0	1.3
75-01-4	Vinyl Chloride	5.0U	5.0	1.4
1330-20-7	Xylene (Total)	15U	15	2.2
<i><b>Surrogates:</b></i>				
Dibromofluoromethane	% Recovery	Control Limits		
	93	85-118		
1,2-Dichloroethane-d4	89	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	99	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-133C** Sampled: 11/16/16 15:17  
 Lab Sample ID: **1611379-03** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 12:33 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	<b>2.1</b>	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>4.8</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>54</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	<b>0.913</b>	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>43</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>82</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>1.9</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	<b>0.283</b>	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.283</b> <i>-SUB</i>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-133C** Sampled: 11/16/16 15:17  
 Lab Sample ID: **1611379-03** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 12:33 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>12</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>150</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>1.1</b>	1.0	0.24
79-01-6	Trichloroethene	<b>79</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		100	85-118	
1,2-Dichloroethane-d4		98	87-122	
Toluene-d8		98	85-113	
4-Bromofluorobenzene		101	82-110	

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-136** Sampled: 11/16/16 15:57  
 Lab Sample ID: **1611379-04** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 18:42 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	<i>3.03 - SUB</i>	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.323</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<i>1.43 - SUB</i>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

**VALIDATED**  
*[Signature]*  
 Reviewed By *[Signature]*  
 Date 3/29/17

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-136** Sampled: 11/16/16 15:57  
 Lab Sample ID: **1611379-04** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 18:42 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	94	85-118		
1,2-Dichloroethane-d4	96	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	100	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-204** Sampled: 11/17/16 09:18  
 Lab Sample ID: **1611379-07** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 14:26 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.46J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
*106-46-7	1,4-Dichlorobenzene	<del>0.173B</del> <i>1UB</i>	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>22</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	<b>0.35J</b>	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>29</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>28</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>0.59J</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	<b>0.58J</b>	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW-204** Sampled: 11/17/16 09:18  
 Lab Sample ID: **1611379-07** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 14:26 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>1.7</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>24</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>0.30J</b>	1.0	0.24
79-01-6	Trichloroethene	<b>54</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	<b>% Recovery</b>	<b>Control Limits</b>		
	98	85-118		
1,2-Dichloroethane-d4	99	87-122		
Toluene-d8	99	85-113		
4-Bromofluorobenzene	100	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **Trip Blank** Sampled: 11/17/16 00:00  
 Lab Sample ID: **1611379-10** Sampled By: Pace Analytical  
 Matrix: Water Received: 11/18/16 08:00  
 Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/23/16 11:36 By: BAG  
 QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	<b>14J</b>	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	<b>0.80J</b>	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page



## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611379**  
Project: SE Rockford, IL Site Description: Laboratory Services  
Client Sample ID: **Trip Blank** Sampled: 11/17/16 00:00  
Lab Sample ID: **1611379-10** Sampled By: Pace Analytical  
Matrix: Water Received: 11/18/16 08:00  
Unit: ug/L Prepared: 11/23/16 08:00 By: BAG  
Dilution Factor: 1 Analyzed: 11/23/16 11:36 By: BAG  
QC Batch: 1612507 Analytical Batch: 6K28004

### Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		97	85-118	
1,2-Dichloroethane-d4		96	87-122	
Toluene-d8		98	85-113	
4-Bromofluorobenzene		101	82-110	



5560 Corporate Exchange Court SE  
Grand Rapids, MI 49512

### Chain of Custody Record

151654

For Lab Use Only

Phone (616) 975-4500 Fax (616) 942-7463  
[www.inmatrixlabs.com](http://www.inmatrixlabs.com)

#### **Analyses Requested**

P9.

VCA Racine	Client Name <i>Sgt Rock</i>
1944 Blue	Client Project No. / P.O. No.
Receipt Log No. 45-7	Invoice To:
Project Chemist	<input type="checkbox"/> Client <input type="checkbox"/> Other (Comments)
Work Order No. W0113TA	<i>Conduct Report Inc.</i> <i>B LaFlamme</i>
City, State, Zip Golden CO 80401	
Phone/Fax 303 232 2134	
Email	

	Vac per Contract
A	NaOH pH=7
B	HNO <sub>3</sub> , pH<2
C	H <sub>2</sub> SO <sub>4</sub> , pH<2
D	1-1 HCl pH<2
E	NaOH pH>12
F	2NaCNNaOH pH>9
G	KOH
H	Other (note below)

MA	11/16	14/13	ΔEW3
	11/16	14/48	ΔEW3
	11/16	15/17	ΔEW3
	11/16	1557	ΔEW3
	11/16	1640	ΔEW3
	11/16	1707	ΔEW3
	11/17	918	ΔEW3
	11/17	1007	ΔEW3
	11/17	1106	ΔEW3
	—	—	—
	—	—	—
	W	W	W
	W	W	W
	W	W	W
	W	W	W
	W	W	W

<sup>Comments</sup>  
All Samples kept in same location @ 4°C

Shipped By (initials)	
Supplier's Signature	
<i>Mark Ryan</i>	
How Shipped?	Hand
Trucking No.	Carrier
Itemized Bill	FedEx
Date:	11/11/07

83

ACE

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD

## Data Quality Control Criteria Review Summary

**SDG Number: 1611486****Project Number: 1016-2****Site:** SE Rockford, 36<sup>th</sup> Event**Contractor Lab:** TriMatrix (Grand Rapids, MI)**Validator:** Brian LaFlamme**Validation Date:** 03/30/17**Sample Matrix:** Water**Sample Date:** 11/26/16 – 11/28/16**Analytical Methods:** EPA SW-846 Method 8260B**Sample Designations:**

<b>MW-16</b>	<b>MW-101C</b>	<b>MW-102B</b>	<b>MW-114B</b>
<b>MW-101A</b>	<b>MW-101D</b>	<b>MW-102C</b>	<b>FD-2 (field duplicate of MW-102A)</b>
<b>MW-101B</b>	<b>MW-102A</b>	<b>MW-114A</b>	<b>Trip Blank</b>

The analytical data were reviewed in accordance with the analytical methods, SW-846 validation guidelines, and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

**Quality Control Summary**

<b>QC Review Item</b>	<b>VOA</b>
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	1
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	2
Method Specific Quality Control (QC) Results *	X
System Performance	3
Field Quality Control Results #	4
Other	X

X     Acceptable, no qualification necessary

NR     Not required

#     See validation summary comment

NA     Not applicable

\*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.

#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

Is action required by the Project Manager?

 Acceptable for useYes  No  Acceptable for use as qualified Unacceptable for use

**Data Validation Summary Comments:**

- 1. Laboratory Blank Results** – Three compounds were detected in the method blank for QC batch 1612610. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
Acetone	2.3 J	FD2 & MW-102C	20 UB
		MW-101B	100 UB
Bromomethane	0.34 J	N/A	N/A
Carbon Disulfide	0.24 J	MW-102B, MW-102C, & MW-114A	5 UB

Three compounds were detected in the method blank for QC batch 1612684. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
1,4-Dichlorobenzene	0.20 J	N/A	N/A
Carbon Disulfide	0.27 J	N/A	N/A
Methylene Chloride	0.27 J	MW-101A	25 UB
		MW-101C	12 UB

- 2. Laboratory Control Sample (LCS) Results** – The LCS for 1,2-Dibromo-3-chloropropane exceeded the upper control limit in QC batch 1612610. However, because 1,2-Dibromo-3-chloropropane was not detected in any associated investigative sample, qualification is not necessary.
- 3. System Performance** – The corresponding continuing calibration verification (CCV) sample for 1,2-Dibromo-3-chloropropane in QC batches 1612610 & 1612684 had a recovery that exceeded the upper control limit of the method. 1,2-Dibromo-3-chloropropane was not detected in any associated investigative sample; therefore, the non-detect results are qualified “UJ”.

The corresponding continuing calibration verification (CCV) sample for Carbon Disulfide in QC batches 1612610 & 1612684 had a recovery that exceeded the upper control limit of the method. The non-detect results are qualified “UJ” and detected results are qualified “J”. However, because the detected results for Carbon Disulfide were already qualified based on method blank contamination, further qualification is not necessary.

- 4. Field Quality Control Samples** – Two compounds were detected in the trip blank associated with the investigated samples for the sample delivery group (SDG) 1611486. The following table provides the detected compounds and qualifiers applied to the investigate results, if necessary.

Compound	Method Blank Result ( $\mu\text{g/l}$ )	Affected Samples	Qualifier(s)
Acetone	6.9 J	FD2, MW-102C, & MW-101B	N/A <sup>1</sup>
Bromomethane	0.35 J	N/A	N/A

<sup>1</sup> These investigate samples were already qualified because of detections of acetone in the method blank.

The relative percent difference (RPD) is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. However, the RPD between the investigative and duplicate samples was less than or equal to 19%. This value only considers the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

## OVERALL ASSESSMENT OF DATA

The TriMatrix Work Order Report # 1611486 is 100 percent complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 16** Sampled: 11/27/16 13:50  
 Lab Sample ID: **1611486-09** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 20:16 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U <i>T</i>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.86J</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U <i>T</i>	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>100</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>23</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>13</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>3.1</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 16** Sampled: 11/27/16 13:50  
 Lab Sample ID: **1611486-09** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 20:16 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>10</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>97</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>0.523</b>	1.0	0.24
79-01-6	Trichloroethene	<b>33</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
Dibromofluoromethane	% Recovery	Control Limits		
	100	85-118		
1,2-Dichloroethane-d4	99	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	99	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101A** Sampled: 11/27/16 11:18  
 Lab Sample ID: **1611486-05** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/30/16 07:00 By: BAG  
 Dilution Factor: 5 Analyzed: 11/30/16 11:40 By: BAG  
 QC Batch: 1612684 Analytical Batch: 6L01009

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	11J	100	9.3
71-43-2	Benzene	5.0U	5.0	1.2
74-97-5	Bromochloromethane	5.0U	5.0	1.4
75-27-4	Bromodichloromethane	5.0U	5.0	1.0
75-25-2	Bromoform	5.0U	5.0	1.2
74-83-9	Bromomethane	5.0U	5.0	1.4
75-15-0	Carbon Disulfide	25U <sup>J</sup>	25	1.2
56-23-5	Carbon Tetrachloride	5.0U	5.0	1.4
108-90-7	Chlorobenzene	5.0U	5.0	1.0
75-00-3	Chloroethane	5.0U	5.0	1.4
67-66-3	Chloroform	2.8J	5.0	1.2
74-87-3	Chloromethane	5.0U	5.0	1.2
96-12-8	1,2-Dibromo-3-chloropropane	5.0U <sup>J</sup>	5.0	1.2
124-48-1	Dibromochloromethane	5.0U	5.0	1.3
106-93-4	1,2-Dibromoethane	5.0U	5.0	1.1
95-50-1	1,2-Dichlorobenzene	5.0U	5.0	0.55
541-73-1	1,3-Dichlorobenzene	5.0U	5.0	1.4
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.80
75-34-3	1,1-Dichloroethane	240	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0U	5.0	1.4
75-35-4	1,1-Dichloroethene	61	5.0	1.1
156-59-2	cis-1,2-Dichloroethene	210	5.0	1.2
156-60-5	trans-1,2-Dichloroethene	11	5.0	1.3
78-87-5	1,2-Dichloropropane	5.0U	5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	5.0U	5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0U	5.0	1.3
100-41-4	Ethylbenzene	5.0U	5.0	0.65
591-78-6	2-Hexanone	25U	25	3.0
*75-09-2	Methylene Chloride	3.6JB <sup>-25UB</sup>	25	1.2
78-93-3	2-Butanone (MEK)	25U	25	7.0
108-10-1	4-Methyl-2-pentanone (MIBK)	25U	25	6.9

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101A** Sampled: 11/27/16 11:18  
 Lab Sample ID: **1611486-05** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/30/16 07:00 By: BAG  
 Dilution Factor: 5 Analyzed: 11/30/16 11:40 By: BAG  
 QC Batch: 1612684 Analytical Batch: 6L01009

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	5.0U	5.0	0.80
79-34-5	1,1,2,2-Tetrachloroethane	5.0U	5.0	1.1
127-18-4	Tetrachloroethene	<b>62</b>	5.0	1.3
108-88-3	Toluene	5.0U	5.0	0.65
71-55-6	1,1,1-Trichloroethane	<b>660</b>	5.0	1.4
79-00-5	1,1,2-Trichloroethane	<b>1.83</b>	5.0	1.2
79-01-6	Trichloroethene	<b>110</b>	5.0	1.3
75-01-4	Vinyl Chloride	5.0U	5.0	1.4
1330-20-7	Xylene (Total)	15U	15	2.2
<i>Surrogates:</i>		<i>% Recovery</i>	<i>Control Limits</i>	
Dibromofluoromethane		100	85-118	
1,2-Dichloroethane-d4		99	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		100	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101B** Sampled: 11/27/16 11:49  
 Lab Sample ID: **1611486-06** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 5 Analyzed: 11/30/16 00:03 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
*67-64-1	Acetone	14JB-100VB	100	9.3
71-43-2	Benzene	5.0U	5.0	1.2
74-97-5	Bromochloromethane	5.0U	5.0	1.4
75-27-4	Bromodichloromethane	5.0U	5.0	1.0
75-25-2	Bromoform	5.0U	5.0	1.2
74-83-9	Bromomethane	5.0U	5.0	1.4
75-15-0	Carbon Disulfide	25U	25	1.2
56-23-5	Carbon Tetrachloride	5.0U	5.0	1.4
108-90-7	Chlorobenzene	5.0U	5.0	1.0
75-00-3	Chloroethane	5.0U	5.0	1.4
67-66-3	Chloroform	1.2J	5.0	1.2
74-87-3	Chloromethane	5.0U	5.0	1.2
96-12-8	1,2-Dibromo-3-chloropropane	5.0U	5.0	1.2
124-48-1	Dibromochloromethane	5.0U	5.0	1.3
106-93-4	1,2-Dibromoethane	5.0U	5.0	1.1
95-50-1	1,2-Dichlorobenzene	5.0U	5.0	0.55
541-73-1	1,3-Dichlorobenzene	5.0U	5.0	1.4
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.80
75-34-3	1,1-Dichloroethane	130	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0U	5.0	1.4
75-35-4	1,1-Dichloroethene	23	5.0	1.1
156-59-2	cis-1,2-Dichloroethene	20	5.0	1.2
156-60-5	trans-1,2-Dichloroethene	4.4J	5.0	1.3
78-87-5	1,2-Dichloropropane	5.0U	5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	5.0U	5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0U	5.0	1.3
100-41-4	Ethylbenzene	5.0U	5.0	0.65
591-78-6	2-Hexanone	25U	25	3.0
75-09-2	Methylene Chloride	25U	25	1.2
78-93-3	2-Butanone (MEK)	25U	25	7.0
108-10-1	4-Methyl-2-pentanone (MIBK)	25U	25	6.9

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101B** Sampled: 11/27/16 11:49  
 Lab Sample ID: **1611486-06** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 5 Analyzed: 11/30/16 00:03 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	5.0U	5.0	0.80
79-34-5	1,1,2,2-Tetrachloroethane	5.0U	5.0	1.1
127-18-4	Tetrachloroethene	<b>26</b>	5.0	1.3
108-88-3	Toluene	5.0U	5.0	0.65
71-55-6	1,1,1-Trichloroethane	<b>420</b>	5.0	1.4
79-00-5	1,1,2-Trichloroethane	5.0U	5.0	1.2
79-01-6	Trichloroethene	<b>25</b>	5.0	1.3
75-01-4	Vinyl Chloride	5.0U	5.0	1.4
1330-20-7	Xylene (Total)	15U	15	2.2
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
<i>Dibromofluoromethane</i>		98	85-118	
<i>1,2-Dichloroethane-d4</i>		98	87-122	
<i>Toluene-d8</i>		100	85-113	
<i>4-Bromofluorobenzene</i>		100	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101C** Sampled: 11/28/16 07:53  
 Lab Sample ID: **1611486-11** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/30/16 07:00 By: BAG  
 Dilution Factor: 2.5 Analyzed: 11/30/16 12:08 By: BAG  
 QC Batch: 1612684 Analytical Batch: 6L01009

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	50U	50	4.6
71-43-2	Benzene	2.5U	2.5	0.58
74-97-5	Bromochloromethane	2.5U	2.5	0.72
75-27-4	Bromodichloromethane	2.5U	2.5	0.52
75-25-2	Bromoform	2.5U	2.5	0.58
74-83-9	Bromomethane	2.5U	2.5	0.72
75-15-0	Carbon Disulfide	12U <i>T</i>	12	0.60
56-23-5	Carbon Tetrachloride	2.5U	2.5	0.70
108-90-7	Chlorobenzene	2.5U	2.5	0.50
75-00-3	Chloroethane	2.5U	2.5	0.68
67-66-3	Chloroform	1.03	2.5	0.58
74-87-3	Chloromethane	2.5U	2.5	0.60
96-12-8	1,2-Dibromo-3-chloropropane	2.5U <i>T</i>	2.5	0.58
124-48-1	Dibromochloromethane	2.5U	2.5	0.65
106-93-4	1,2-Dibromoethane	2.5U	2.5	0.55
95-50-1	1,2-Dichlorobenzene	2.5U	2.5	0.28
541-73-1	1,3-Dichlorobenzene	2.5U	2.5	0.68
106-46-7	1,4-Dichlorobenzene	2.5U	2.5	0.40
75-34-3	1,1-Dichloroethane	110	2.5	0.50
107-06-2	1,2-Dichloroethane	2.5U	2.5	0.68
75-35-4	1,1-Dichloroethene	18	2.5	0.55
156-59-2	cis-1,2-Dichloroethene	15	2.5	0.62
156-60-5	trans-1,2-Dichloroethene	3.6	2.5	0.65
78-87-5	1,2-Dichloropropane	2.5U	2.5	0.55
10061-01-5	cis-1,3-Dichloropropene	2.5U	2.5	0.32
10061-02-6	trans-1,3-Dichloropropene	2.5U	2.5	0.65
100-41-4	Ethylbenzene	2.5U	2.5	0.32
591-78-6	2-Hexanone	12U	12	1.5
*75-09-2	Methylene Chloride	2.0JB <i>12uB</i>	12	0.60
78-93-3	2-Butanone (MEK)	12U	12	3.5
108-10-1	4-Methyl-2-pentanone (MIBK)	12U	12	3.4

Continued on next page

\*See Statement of Data Qualifications

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101C** Sampled: 11/28/16 07:53  
 Lab Sample ID: **1611486-11** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/30/16 07:00 By: BAG  
 Dilution Factor: 2.5 Analyzed: 11/30/16 12:08 By: BAG  
 QC Batch: 1612684 Analytical Batch: 6L01009

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	2.5U	2.5	0.40
79-34-5	1,1,2,2-Tetrachloroethane	2.5U	2.5	0.55
127-18-4	Tetrachloroethene	<b>18</b>	2.5	0.65
108-88-3	Toluene	2.5U	2.5	0.32
71-55-6	1,1,1-Trichloroethane	<b>320</b>	2.5	0.70
79-00-5	1,1,2-Trichloroethane	2.5U	2.5	0.60
79-01-6	Trichloroethene	<b>14</b>	2.5	0.65
75-01-4	Vinyl Chloride	2.5U	2.5	0.68
1330-20-7	Xylene (Total)	7.5U	7.5	1.1
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		100	85-118	
1,2-Dichloroethane-d4		100	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		100	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101D** Sampled: 11/27/16 12:23  
 Lab Sample ID: **1611486-07** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/30/16 00:31 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U <i>T</i>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	<b>0.973</b>	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U <i>T</i>	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>60</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>15</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>16</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>2.0</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 101D** Sampled: 11/27/16 12:23  
 Lab Sample ID: **1611486-07** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/30/16 00:31 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

### **Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>13</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>160</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	<b>0.413</b>	1.0	0.24
79-01-6	Trichloroethene	<b>18</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>				
Dibromofluoromethane	% Recovery	Control Limits		
	100	85-118		
1,2-Dichloroethane-d4	99	87-122		
Toluene-d8	99	85-113		
4-Bromofluorobenzene	100	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 102A** Sampled: 11/26/16 12:21  
 Lab Sample ID: **1611486-01** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 23:06 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U <span style="color:red">T</span>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U <span style="color:red">T</span>	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>60</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>0.49J</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>100</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>4.1</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 102A** Sampled: 11/26/16 12:21  
 Lab Sample ID: **1611486-01** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 23:06 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	<b>0.59J</b>	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>18</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>7.0</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	<b>0.47J</b>	3.0	0.44
<i>Surrogates:</i>				
<i>% Recovery      Control Limits</i>				
Dibromofluoromethane	100	85-118		
1,2-Dichloroethane-d4	99	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	100	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **FD 2** MW-102A Sampled: 11/26/16 12:25  
 Lab Sample ID: **1611486-02** *field duplicate* Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 18:22 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
*67-64-1	Acetone	<del>2.33B</del> <i>20B</i>	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U <i>T</i>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U <i>T</i>	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>61</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>0.52J</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>110</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	<b>4.2</b>	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.**  
 Project: SE Rockford, IL Site  
 Client Sample ID: **FD 2** *MW-1074 Field duplicate*  
 Lab Sample ID: **1611486-02**  
 Matrix: Water  
 Unit: ug/L  
 Dilution Factor: 1  
 QC Batch: 1612610

Work Order: **1611486**  
 Description: Laboratory Services  
 Sampled: 11/26/16 12:25  
 Sampled By: Patrick Egan  
 Received: 11/29/16 08:45  
 Prepared: 11/29/16 14:00 By: BAG  
 Analyzed: 11/29/16 18:22 By: BAG  
 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	<b>0.49J</b>	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>19</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>7.2</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
Dibromofluoromethane	% Recovery	Control Limits		
	101	85-118		
1,2-Dichloroethane-d4	100	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	100	82-110		

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 102B** Sampled: 11/26/16 14:00  
 Lab Sample ID: **1611486-03** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 18:51 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
*75-15-0	Carbon Disulfide	0.263B <i>5 UFB</i>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.1	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U <i>T</i>	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.6	1.0	0.20
107-06-2	1,2-Dichloroethane	0.44J	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	2.5	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 102B** Sampled: 11/26/16 14:00  
 Lab Sample ID: **1611486-03** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 18:51 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	<b>1.9</b>	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		95	85-118	
1,2-Dichloroethane-d4		97	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		101	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 102C** Sampled: 11/27/16 10:18  
 Lab Sample ID: **1611486-04** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 19:19 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
*67-64-1	Acetone	-2.2JB-20VB	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
*75-15-0	Carbon Disulfide	-0.42JB-5VB	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U JT	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	0.13J	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 102C** Sampled: 11/27/16 10:18  
 Lab Sample ID: **1611486-04** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 19:19 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	<b>0.52J</b>	3.0	0.44
<i>Surrogates:</i>				
Dibromofluoromethane	% Recovery	Control Limits		
	98	85-118		
1,2-Dichloroethane-d4	99	87-122		
Toluene-d8	100	85-113		
4-Bromofluorobenzene	100	82-110		

## ANALYTICAL REPORT

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 114A** Sampled: 11/27/16 13:15  
 Lab Sample ID: **1611486-08** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 19:47 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

### Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
*75-15-0	Carbon Disulfide	0.24JB SUB	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U JT	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	6.5	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	7.1	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	4.0	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 114A** Sampled: 11/27/16 13:15  
 Lab Sample ID: **1611486-08** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 19:47 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	<b>0.36J</b>	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	<b>47</b>	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>2.9</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<i>Surrogates:</i>				
<i>% Recovery</i>				
Dibromofluoromethane				
99				
85-118				
1,2-Dichloroethane-d4				
99				
87-122				
Toluene-d8				
100				
85-113				
4-Bromofluorobenzene				
100				
82-110				

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 114B** Sampled: 11/27/16 14:20  
 Lab Sample ID: **1611486-10** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 20:44 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	20U	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
74-83-9	Bromomethane	1.0U	1.0	0.29
75-15-0	Carbon Disulfide	5.0U <i>T</i>	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U <i>T</i>	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	<b>1.9</b>	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	<b>0.463</b>	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	<b>1.5</b>	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **MW 114B** Sampled: 11/27/16 14:20  
 Lab Sample ID: **1611486-10** Sampled By: Patrick Egan  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 20:44 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	<b>4.6</b>	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		97	85-118	
1,2-Dichloroethane-d4		99	87-122	
Toluene-d8		100	85-113	
4-Bromofluorobenzene		100	82-110	

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **Trip Blank TML2767** Sampled: 11/28/16 00:00  
 Lab Sample ID: **1611486-12** Sampled By:  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 17:25 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B**

CAS Number	Analyte	Analytical Result	RL	MDL
*67-64-1	Acetone	<b>6.9JB</b>	20	1.9
71-43-2	Benzene	1.0U	1.0	0.23
74-97-5	Bromochloromethane	1.0U	1.0	0.29
75-27-4	Bromodichloromethane	1.0U	1.0	0.21
75-25-2	Bromoform	1.0U	1.0	0.23
*74-83-9	Bromomethane	<b>0.35JB</b>	1.0	0.29
75-15-0	Carbon Disulfide	5.0U 	5.0	0.24
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.28
108-90-7	Chlorobenzene	1.0U	1.0	0.20
75-00-3	Chloroethane	1.0U	1.0	0.27
67-66-3	Chloroform	1.0U	1.0	0.23
74-87-3	Chloromethane	1.0U	1.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	1.0U 	1.0	0.23
124-48-1	Dibromochloromethane	1.0U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.11
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.27
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.16
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.20
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.26
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.26
100-41-4	Ethylbenzene	1.0U	1.0	0.13
591-78-6	2-Hexanone	5.0U	5.0	0.61
75-09-2	Methylene Chloride	5.0U	5.0	0.24
78-93-3	2-Butanone (MEK)	5.0U	5.0	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	1.4

Continued on next page

\*See Statement of Data Qualifications

**ANALYTICAL REPORT**

Client: **Nationwide Environmental Services, Inc.** Work Order: **1611486**  
 Project: SE Rockford, IL Site Description: Laboratory Services  
 Client Sample ID: **Trip Blank TML2767** Sampled: 11/28/16 00:00  
 Lab Sample ID: **1611486-12** Sampled By:  
 Matrix: Water Received: 11/29/16 08:45  
 Unit: ug/L Prepared: 11/29/16 14:00 By: BAG  
 Dilution Factor: 1 Analyzed: 11/29/16 17:25 By: BAG  
 QC Batch: 1612610 Analytical Batch: 6K30006

**Volatile Organic Compounds by EPA Method 8260B (Continued)**

CAS Number	Analyte	Analytical Result	RL	MDL
100-42-5	Styrene	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.22
127-18-4	Tetrachloroethene	1.0U	1.0	0.26
108-88-3	Toluene	1.0U	1.0	0.13
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.24
79-01-6	Trichloroethene	1.0U	1.0	0.26
75-01-4	Vinyl Chloride	1.0U	1.0	0.27
1330-20-7	Xylene (Total)	3.0U	3.0	0.44
<b>Surrogates:</b>		<b>% Recovery</b>	<b>Control Limits</b>	
Dibromofluoromethane		98	85-118	
1,2-Dichloroethane-d4		100	87-122	
Toluene-d8		99	85-113	
4-Bromofluorobenzene		101	82-110	





5560 Corporate Exchange Court SE  
Grand Rapids, MI 49512

Phone (616) 975-4500 Fax (616) 942-7463  
www.trimatrixlabs.com

## Chain of Custody Record

COC No. **155745**

Pg. **2** of **2**

### For Lab Use Only

Cart:

VOA Rack/Tray

2001, 417 White

Receipt Log No.

**T-5**

Project Chemist

Work Order No.

**1611486**

Client Name: **Nationwide Env. Svcs.**  
Address: **14818 W. 6th Ave SA**  
City, State, Zip: **Glenwood CO 80401**  
Phone/Fax: **303 232 2134**  
Email:

Project Name: **SE Rock**  
Client Project No. / P.O. No.

Invoice To:  Client  
 Other (comments)

Contact/Report To: **BLA Flame**

### Analyses Requested

PRESERVATIVES							
A	NONE pH=7						
B	HNO <sub>3</sub> pH<2						
C	H <sub>2</sub> SO <sub>4</sub> pH<2						
D	1+1 HCl pH<2						
E	NaOH pH>12						
F	ZnAc/NaOH pH>9						
G	MeOH						
H	Other (note below)						

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C O M P	G R A B	Matrix	Number of Containers Submitted	Total	Sample Comments
	11	1	1 MnNOIC	2767	11/28/0153	X GM	3			3	3	
	12	2	2 Trip Blank				—	—	—	1	1	
	3	3										
	4	4										
	5	5										
	6	6										
	7	7										
	8	8										
	9	9										
	10	10										

Sampled By (print)

Patrick Egan

Sampled Signature

Dale Son

Company

AEC

How Shipped?

Hand  Carrier **FedEx**

Tracking No.

**808167397340**

1. Reimbursement By

Date **11/28/16**

Time **1200**

Comments

**all samples kept in same location at 4°C**

1. Received By

Date **11/29/16**

Time **0845**

2. Received By

Date **11/29/16**

Time **0845**

3. Received For Lab By

**John Meagan** Date **11/29/16** Time **0845**

## **APPENDIX B**

### Groundwater Monitoring

Field Sampling Sheets

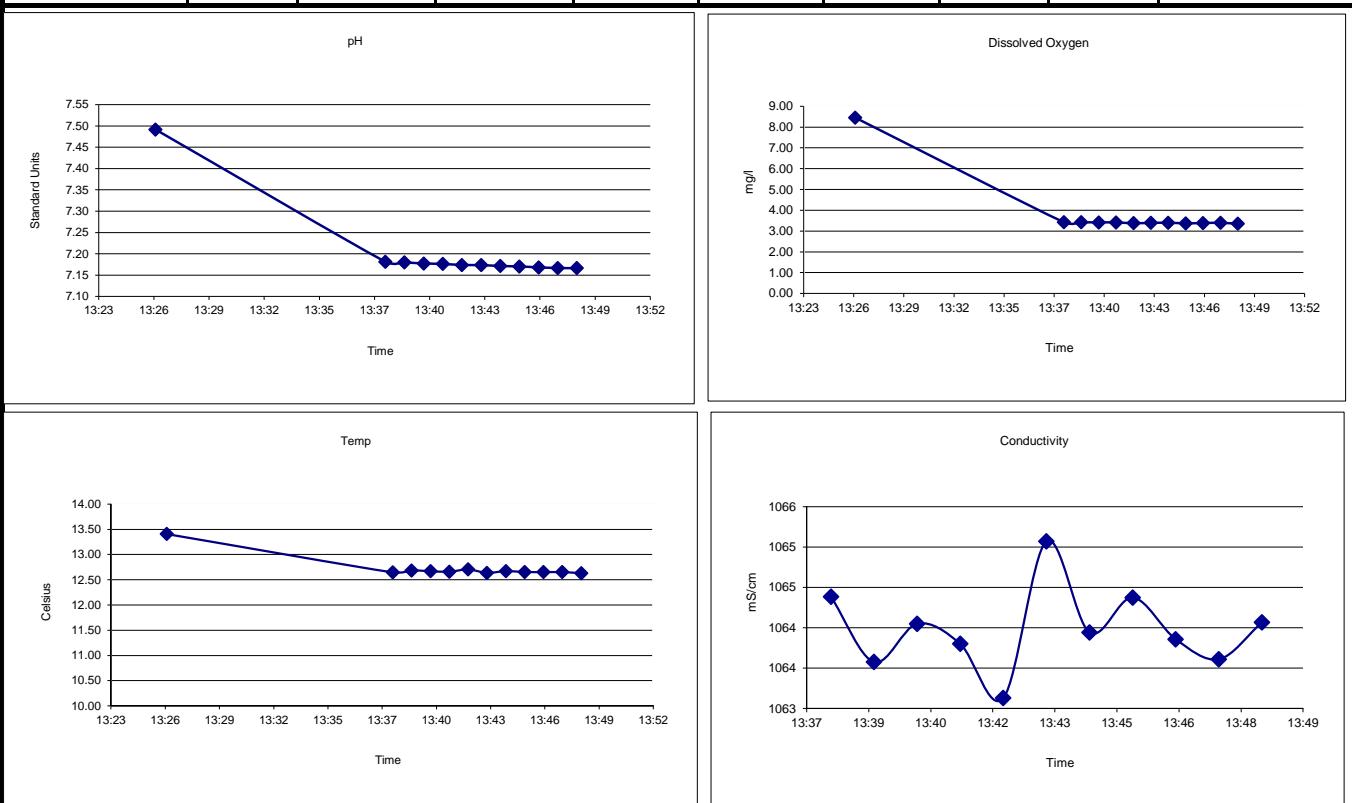


# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW16</b>
Casing Stickup (Ft.)	-0.028	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 28-Nov-20
Total Well Depth (Ft.) TOC	62.36	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	23.29	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	39.10	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:25							0		cloudy
13:26	7.49	8.46	13.41	32.8	974.92	22	400		
13:38	7.18	3.42	12.65	38.5	1064.39		400		
13:39	7.18	3.42	12.69	38.9	1063.58		400		
13:40	7.18	3.42	12.67	39.3	1064.05		400		
13:41	7.18	3.41	12.66	39.6	1063.80		400	23.34	clear
13:42	7.17	3.38	12.70	39.9	1063.13		400		
13:43	7.17	3.39	12.64	40.3	1065.07		400		
13:44	7.17	3.40	12.67	40.6	1063.94		400		
13:45	7.17	3.37	12.65	40.9	1064.37		400		
13:46	7.17	3.39	12.65	41.1	1063.86		400		
13:47	7.17	3.39	12.65	41.3	1063.61		400		
13:48	7.17	3.35	12.63	41.3	1064.07		400		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>23.0</b>	0.00	-1.03%	-0.16%	0.14	0.02%			<b>9.20</b>	



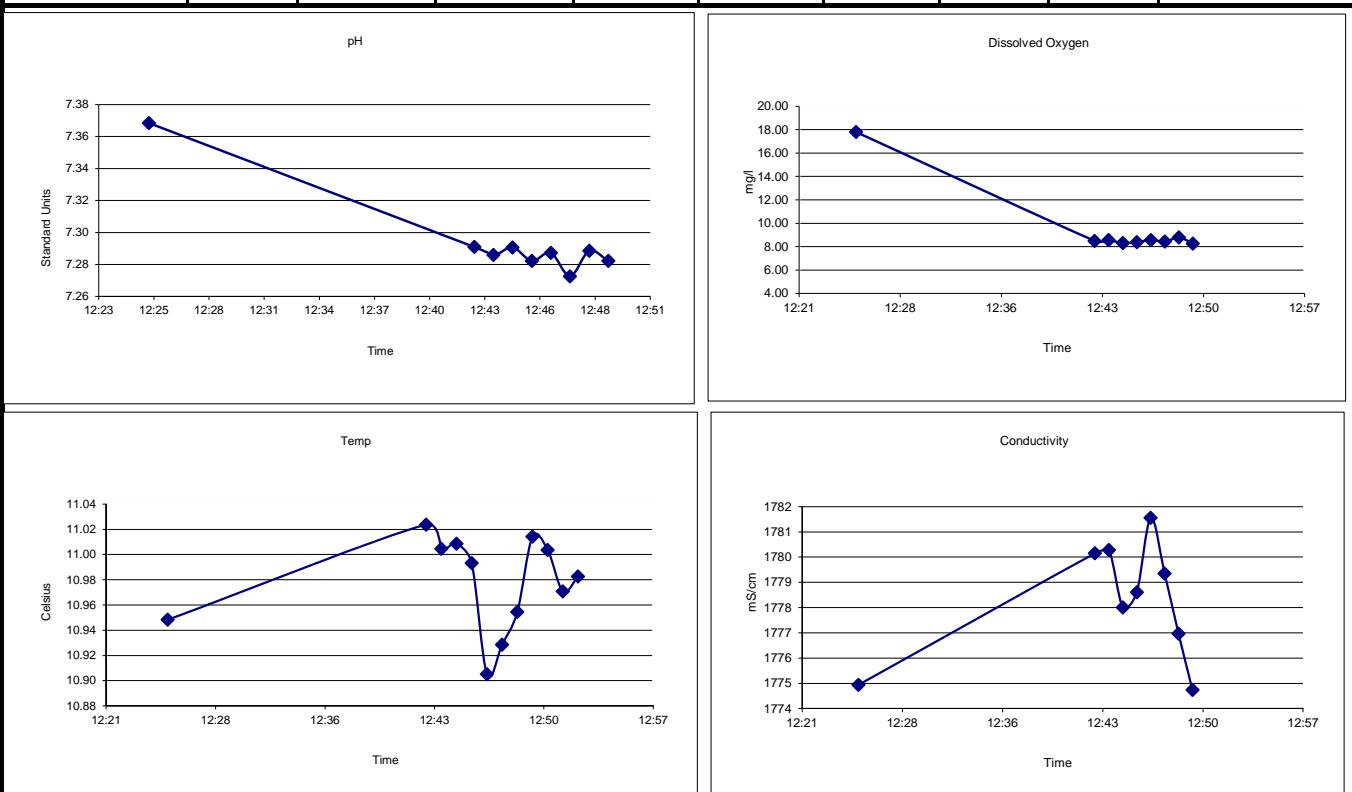
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 47</b>
Casing Stickup (Ft.)	-0.063	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 12-Nov-16
Total Well Depth (Ft.) TOC	54.49	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	41.28	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	13.27	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
12:24							0		cloudy
12:25	7.37	17.81	10.95	84.9	1774.94	36	300		
12:42	7.29	8.50	11.02	121.7	1780.15		300		
12:43	7.29	8.55	11.00	122.1	1780.29		300		
12:44	7.29	8.30	11.01	122.5	1778.01		300		
12:45	7.28	8.38	10.99	123.5	1778.61		300		
12:46	7.29	8.56	10.91	123.4	1781.56		300		
12:47	7.27	8.43	10.93	124.5	1779.35		300		
12:48	7.29	8.78	10.95	124.9	1776.96		300		
12:49	7.28	8.26	11.01	125.7	1774.74		300		clear
12:50	7.27	8.43	11.00	126.5	1776.80		300		
12:51	7.29	8.45	10.97	126.3	1778.66		300	41.35	clear
12:52	7.27	8.19	10.98	128.0	1778.61		300		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>28.0</b>	0.00	-2.92%	-0.19%	1.54	0.10%				<b>8.40</b>



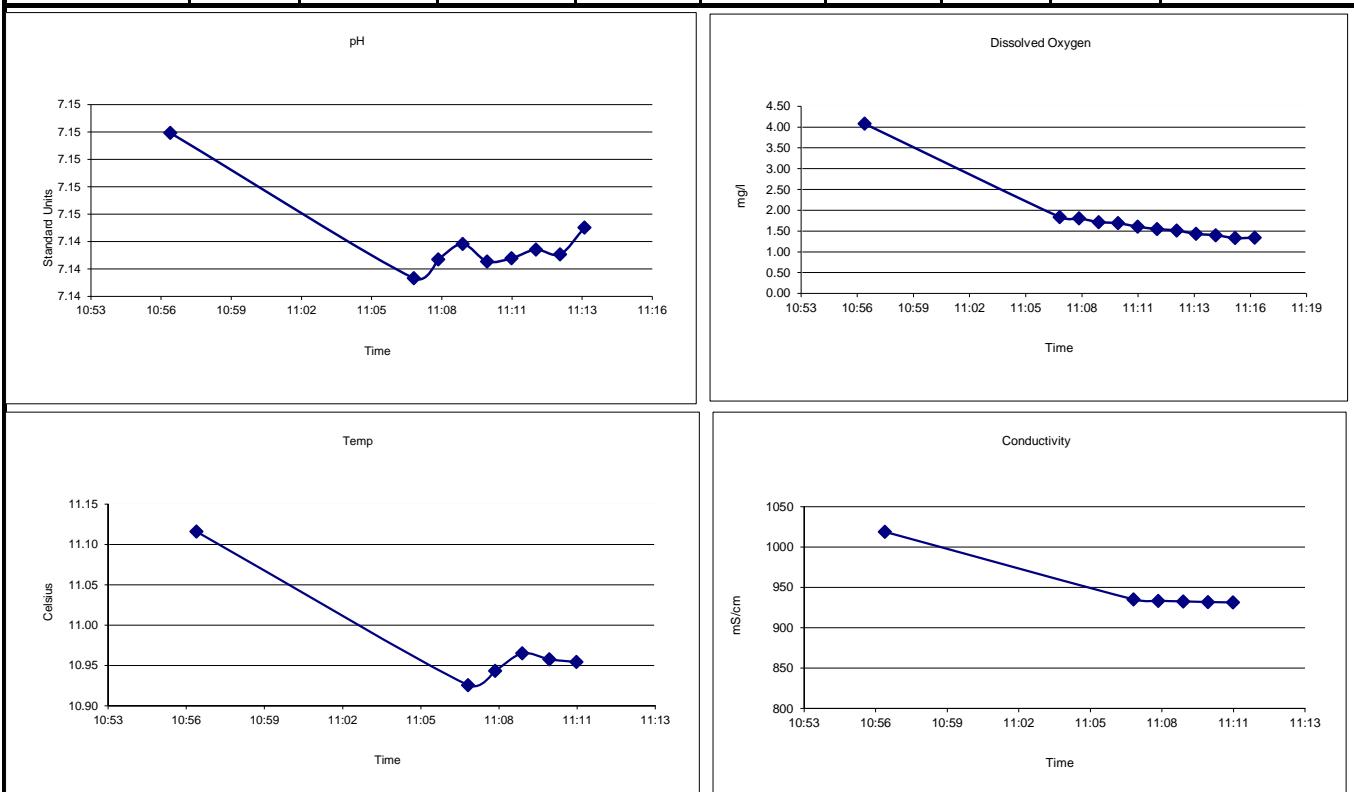
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 101A</b>
Casing Stickup (Ft.)	1.45	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 27-Nov-16
Total Well Depth (Ft.) TOC	90.34	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	43.37	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	45.52	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
10:56							0		clear
10:57	7.15	4.08	11.12	3.1	1018.82	28	430		
11:07	7.14	1.84	10.93	0.8	935.14		430		
11:08	7.14	1.80	10.94	1.0	933.45		430		
11:09	7.14	1.72	10.97	1.4	932.69		430		
11:10	7.14	1.69	10.96	1.6	931.91		430		
11:11	7.14	1.61	10.95	1.9	931.41		430		
11:12	7.14	1.55	10.93	2.0	930.83		430		
11:13	7.14	1.51	10.95	2.1	929.68		430	43.4	
11:14	7.15	1.43	10.92	2.5	929.91		430		clear
11:15	7.14	1.40	10.90	2.7	929.32		430		
11:16	7.15	1.33	10.93	3.0	928.33		430		
11:17	7.14	1.34	10.92	3.1	927.94		430		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>21.0</b>	0.00	-4.35%	0.16%	0.44	-0.15%				<b>9.03</b>



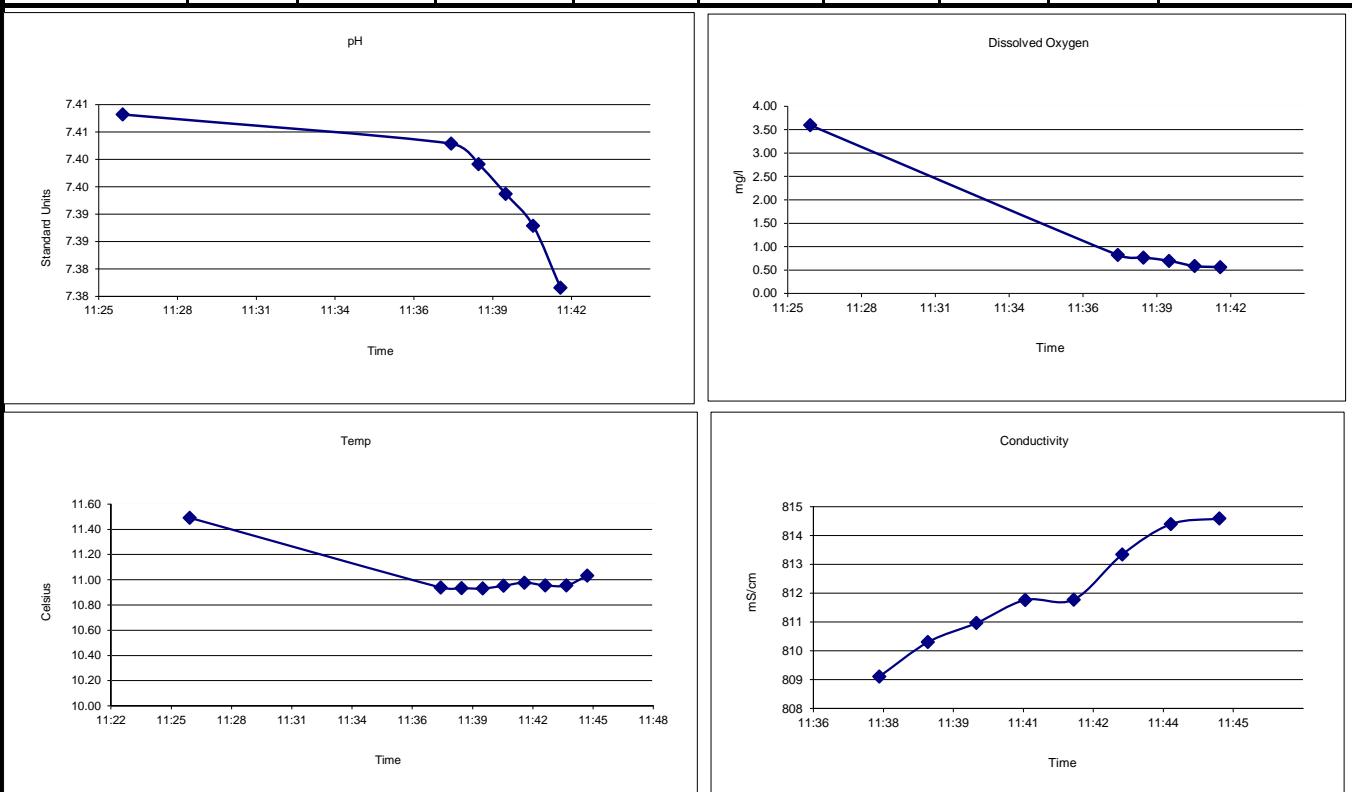
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 101B</b>
Casing Stickup (Ft.)	2.16	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 27-Nov-16
Total Well Depth (Ft.) TOC	153.74	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	44.19	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	107.39	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
11:25							0		0
11:26	7.41	3.60	11.49	9.9	763.66	17	500		clear
11:38	7.40	0.82	10.94	14.6	809.11		500		
11:39	7.40	0.77	10.93	14.6	810.30		500		
11:40	7.39	0.70	10.93	14.6	810.97		500		
11:41	7.39	0.58	10.95	14.9	811.76		500		
11:42	7.38	0.56	10.98	15.2	811.78		500	44.2	
11:43	7.37	0.55	10.96	15.1	813.34		500		
11:44	7.36	0.54	10.95	14.9	814.39		500		
11:45	7.36	0.49	11.03	14.7	814.59		500		
11:46	7.35	0.53	11.08	14.5	815.29		500		
11:47	7.34	0.53	11.06	14.4	816.77		500		clear
11:48	7.33	0.52	11.08	14.3	817.49		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>22.0</b>	-0.02	-1.16%	0.03%	-0.29	0.27%				<b>11.00</b>



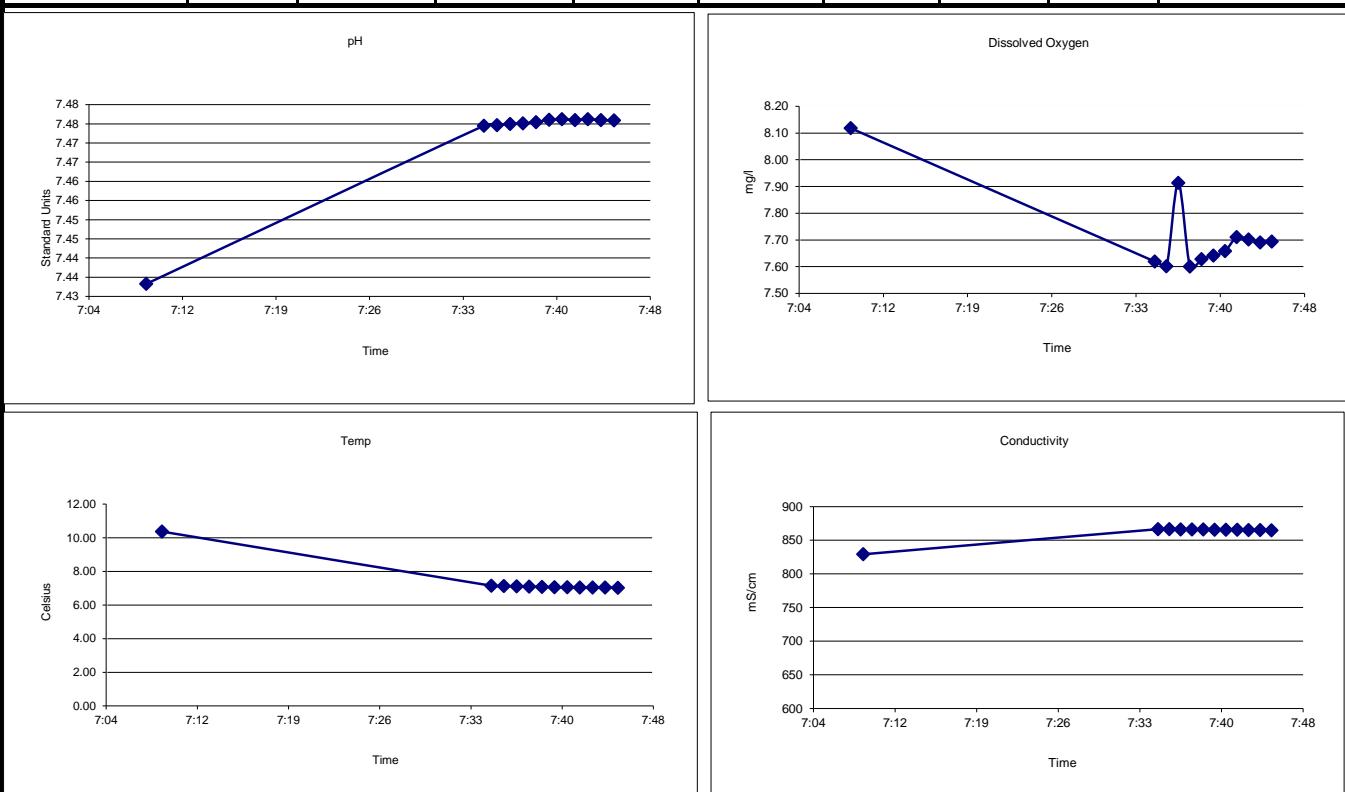
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 101C</b>
Casing Stickup (Ft.)	1.12	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 28-Nov-16
Total Well Depth (Ft.) TOC	174.89	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	43.98	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	129.79	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
7:08							0		0
7:09	7.43	8.12	10.37	-7.5	829.24	54	500		
7:35	7.47	7.62	7.15	15.1	866.59		500		
7:36	7.47	7.60	7.13	15.9	866.46		500		
7:37	7.47	7.91	7.11	16.8	866.29		500		
7:38	7.48	7.60	7.09	17.6	866.08		500		clear
7:39	7.48	7.63	7.07	18.4	865.91		500		
7:40	7.48	7.64	7.06	19.1	865.79		500	44.03	
7:41	7.48	7.66	7.05	19.9	865.64		500		
7:42	7.48	7.71	7.04	20.7	865.48		500		
7:43	7.48	7.70	7.04	21.4	865.25		500		clear
7:44	7.48	7.69	7.03	22.1	865.05		500		
7:45	7.48	7.69	7.02	22.8	864.86		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>37.0</b>	0.00	-0.10%	-0.18%	1.41	-0.04%				<b>18.50</b>



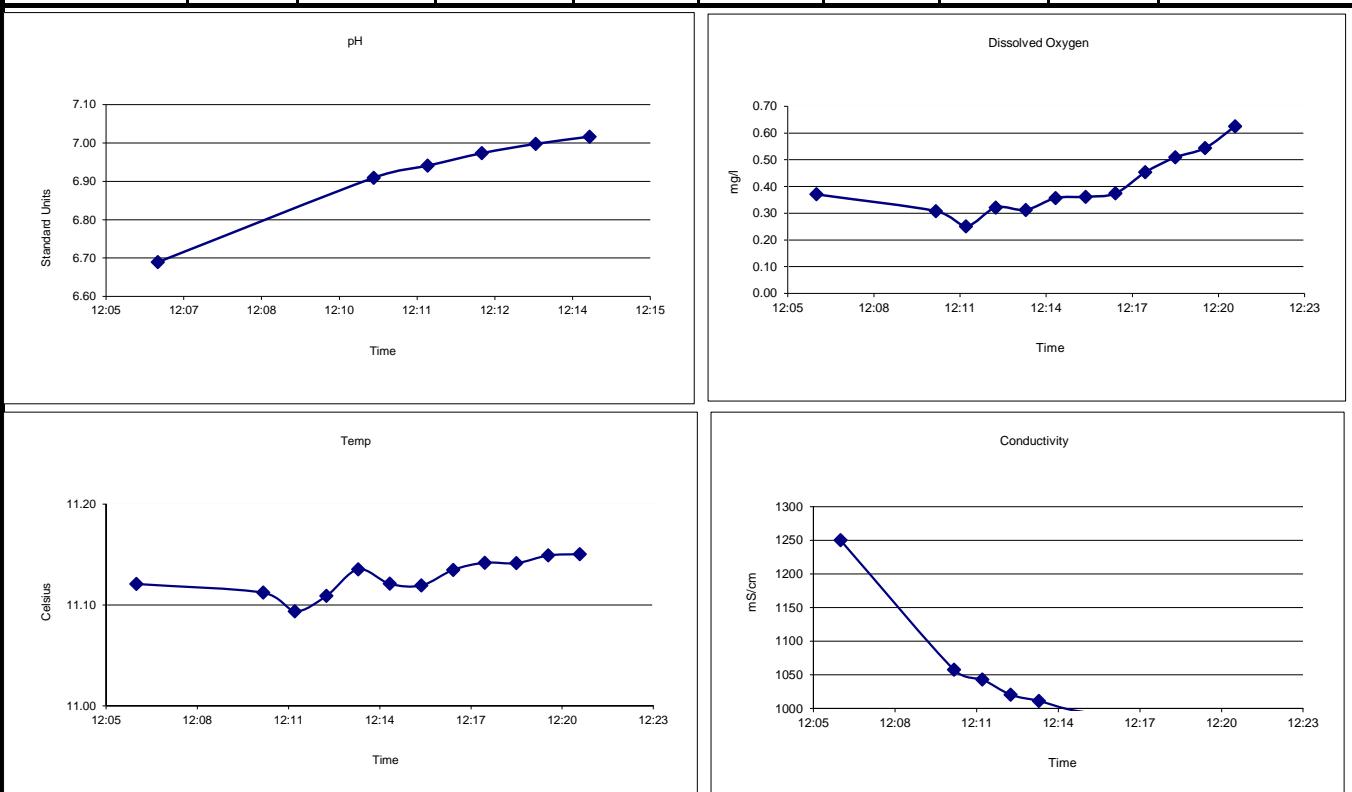
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 101D</b>
Casing Stickup (Ft.)	0.89	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 27-Nov-16
Total Well Depth (Ft.) TOC	212.72	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	46.33	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	165.50	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
12:05							0		0
12:06	6.69	0.37	11.12	39.8	1249.98	22	500	46.33	clear
12:10	6.91	0.31	11.11	21.1	1057.71		500		
12:11	6.94	0.25	11.09	17.5	1043.30		500		
12:12	6.97	0.32	11.11	14.4	1020.52		500		
12:13	7.00	0.31	11.14	11.2	1011.25		500		
12:14	7.02	0.36	11.12	8.8	999.20		500	46.33	
12:15	7.03	0.36	11.12	6.3	992.33		500		clear
12:16	7.04	0.37	11.13	4.8	987.08		500		
12:17	7.06	0.45	11.14	2.9	979.87		500		
12:18	7.07	0.51	11.14	1.5	976.37		500		
12:19	7.07	0.54	11.15	0.4	970.50		500		
12:20	7.08	0.63	11.15	-0.5	967.60		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>15.0</b>	0.02	18.60%	0.08%	-2.06	-0.91%			<b>7.50</b>	



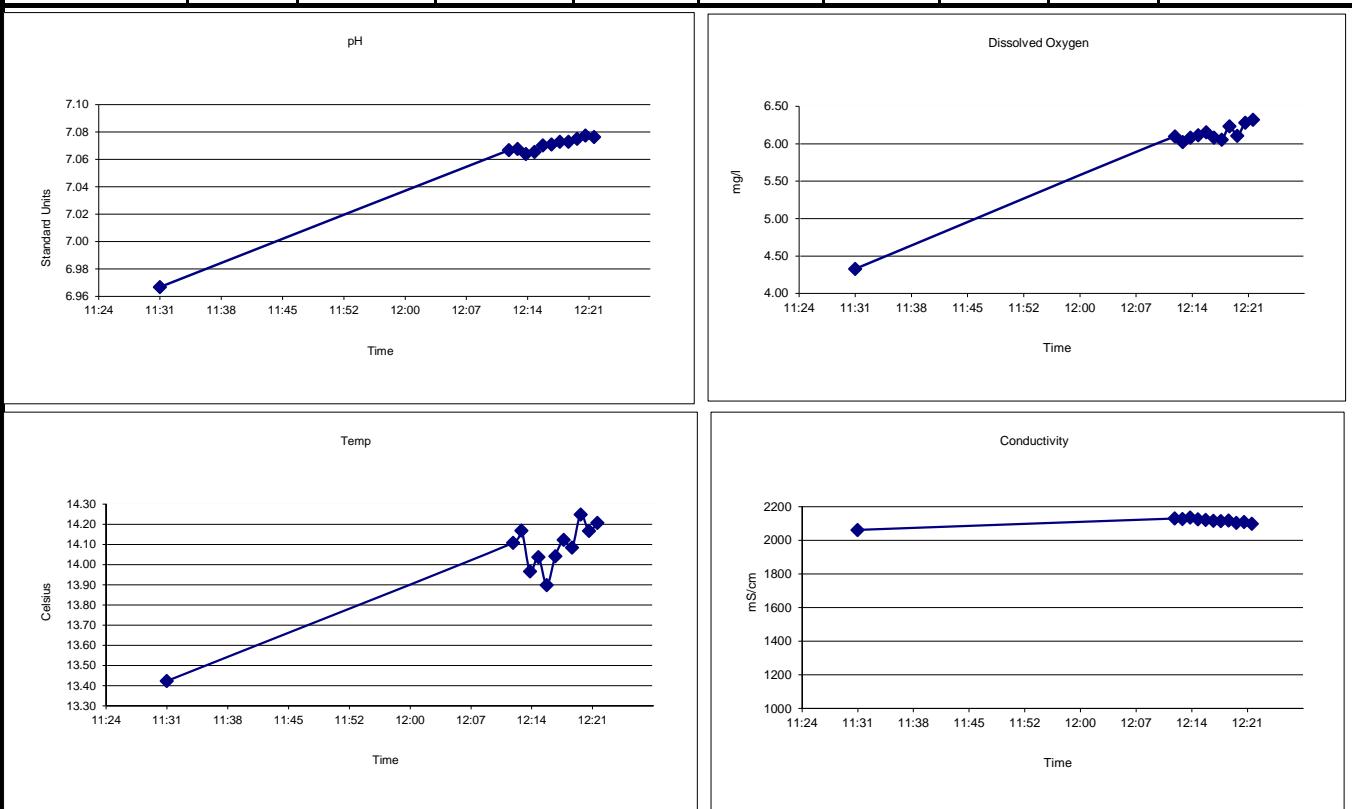
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 102A</b>
Casing Stickup (Ft.)	-0.47	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 26-Nov-16
Total Well Depth (Ft.) TOC	37.69	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	17.52	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	20.64	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
11:30							0		*FIELD DUPLICATE
11:31	6.97	4.33	13.42	21.3	2061.84	63	300		FD2 COLLECTED
12:12	7.07	6.10	14.11	7.9	2129.56		300		
12:13	7.07	6.02	14.17	8.6	2126.94		300		
12:14	7.06	6.08	13.97	9.2	2134.78		300		
12:15	7.07	6.11	14.04	9.9	2123.84		300		
12:16	7.07	6.15	13.90	10.1	2121.48		300		
12:17	7.07	6.08	14.04	10.7	2115.87		300	20.88	
12:18	7.07	6.05	14.12	11.1	2113.28		300		
12:19	7.07	6.23	14.08	11.5	2117.47		300		
12:20	7.07	6.11	14.25	12.0	2103.21		300		
12:21	7.08	6.28	14.17	12.5	2107.93		300		slightly cloudy
12:22	7.08	6.32	14.21	13.4	2098.54		300		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>52.0</b>	0.00	3.43%	-0.29%	1.31	-0.22%				<b>15.60</b>



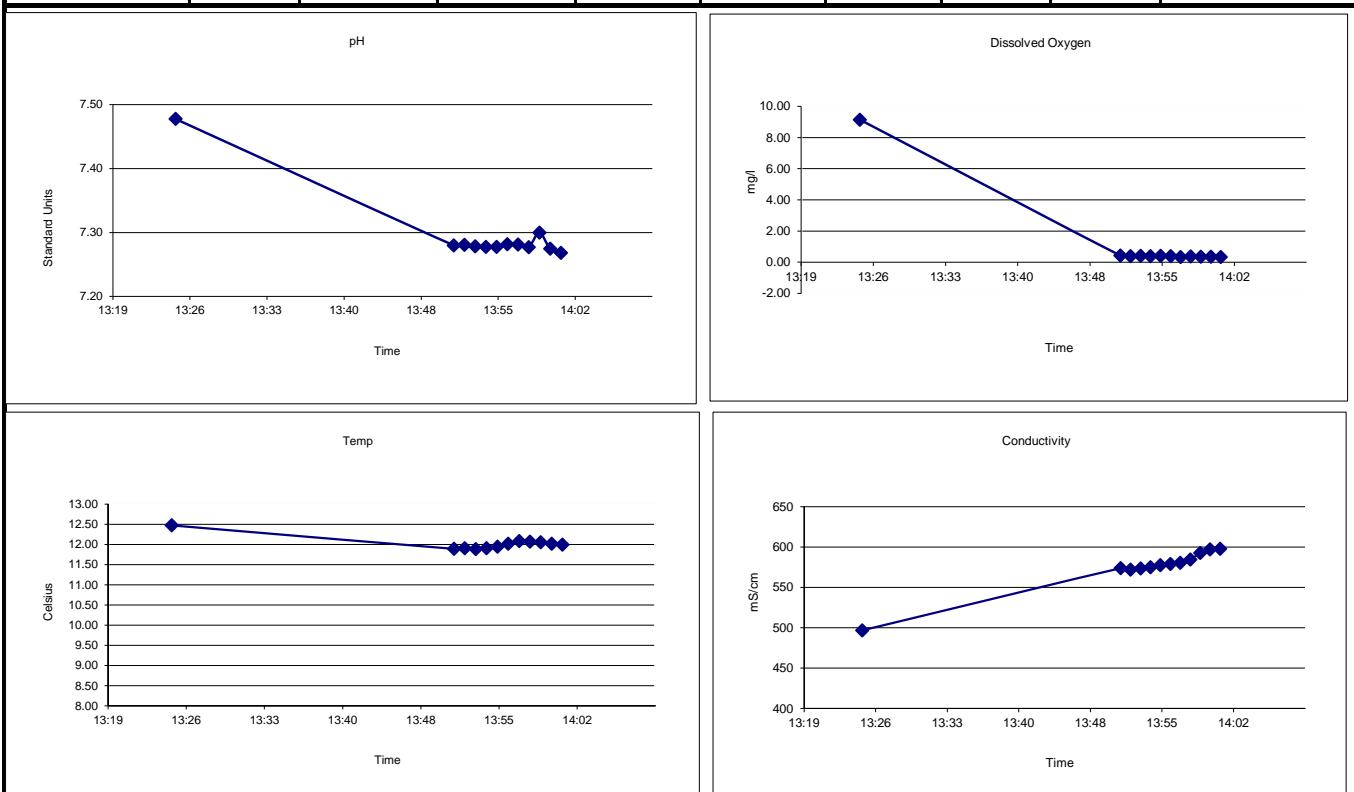
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 102B</b>
Casing Stickup (Ft.)	-0.68	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 26-Nov-16
Total Well Depth (Ft.) TOC	100.5	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	34.27	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	66.91	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:24							0		0
13:25	7.48	9.15	12.47	4.1	496.80	93	410		black - cloudy
13:51	7.28	0.42	11.89	4.0	573.83		410		
13:52	7.28	0.38	11.90	3.3	572.09		410		
13:53	7.28	0.41	11.88	2.2	573.38		410		
13:54	7.28	0.40	11.90	1.4	574.90		410	34.36	
13:55	7.28	0.40	11.95	0.8	577.56		410		
13:56	7.28	0.38	12.02	0.0	578.87		410		
13:57	7.28	0.33	12.09	-0.7	580.36		410		
13:58	7.28	0.37	12.07	-2.2	584.50		410		
13:59	7.30	0.36	12.06	-3.3	592.49		410		slightly cloudy
14:00	7.27	0.35	12.01	-4.4	597.01		410		
14:01	7.27	0.34	12.00	-6.4	597.65		410		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>37.0</b>	-0.03	-6.48%	-0.49%	-3.09	0.86%				<b>15.17</b>



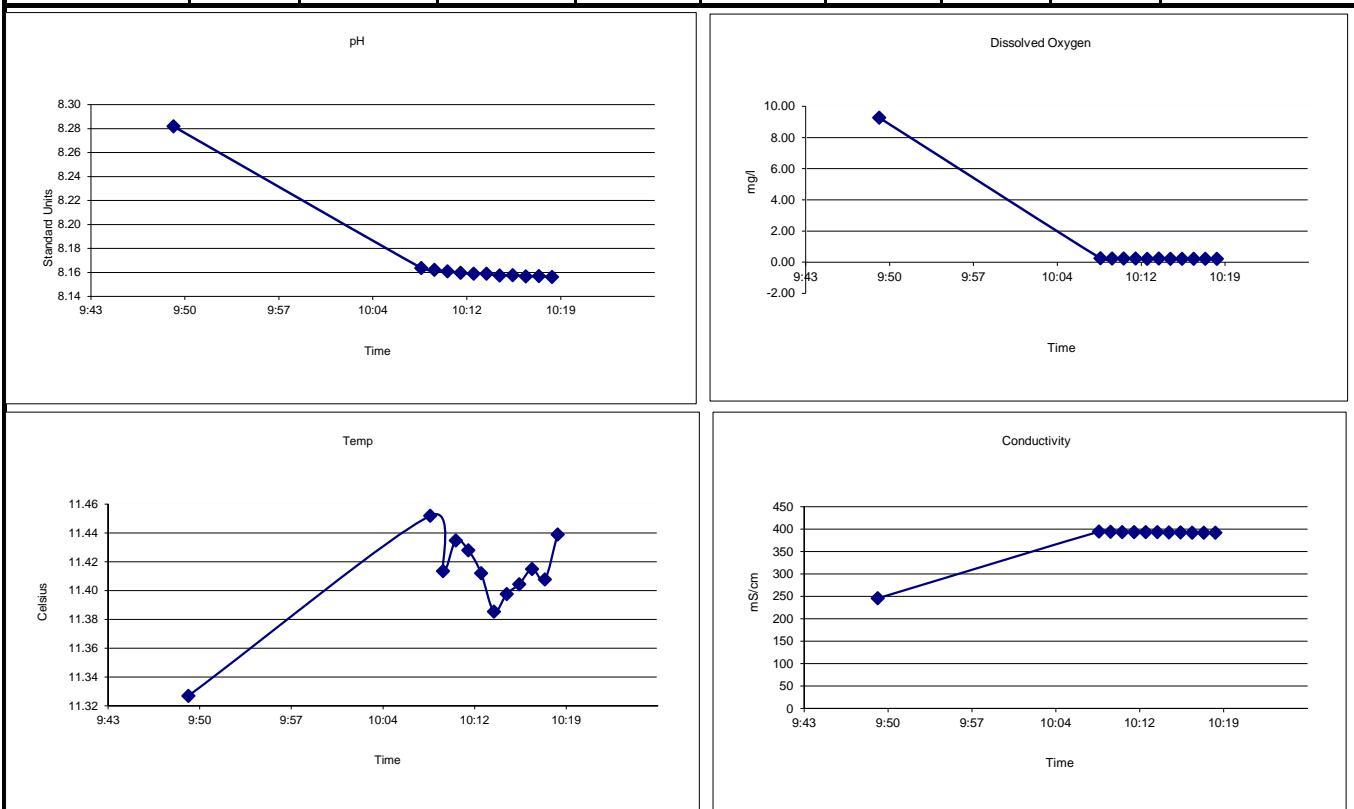
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis	VOCs (SW-846 8260)	Well ID:	<b>MW 102C</b>
Casing Stickup (Ft.)	-0.43	Purge Method	Low Flow Micro Purge	Container	40 mL VOA Vial	Sample Date	27-Nov-16
Total Well Depth (Ft.) TOC	187.42	Purge Equip	QED Air Diaphragm	Sample Type	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	37.54	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	150.31	Field Analysis Equip	YSI 556 MSP	Sampling Period	FALL 16		

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
9:48							0		0
9:49	8.28	9.27	11.33	123.5	245.62	77	400		cloudy
10:08	8.16	0.25	11.45	-39.8	394.36		400		
10:09	8.16	0.24	11.41	-42.4	394.20		400		
10:10	8.16	0.25	11.43	-44.6	393.50		400		
10:11	8.16	0.24	11.43	-45.0	392.96		400		
10:12	8.16	0.22	11.41	-44.4	392.89		400		
10:13	8.16	0.23	11.39	-45.5	392.99		400		
10:14	8.16	0.21	11.40	-47.5	392.52		400		
10:15	8.16	0.22	11.40	-48.0	392.42		400		
10:16	8.16	0.22	11.42	-46.6	392.10		400	37.61	slightly cloudy
10:17	8.16	0.22	11.41	-45.8	392.10		400		
10:18	8.16	0.22	11.44	-47.4	391.70		400		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>30.0</b>	0.00	0.35%	0.21%	-0.84	-0.10%				<b>12.00</b>



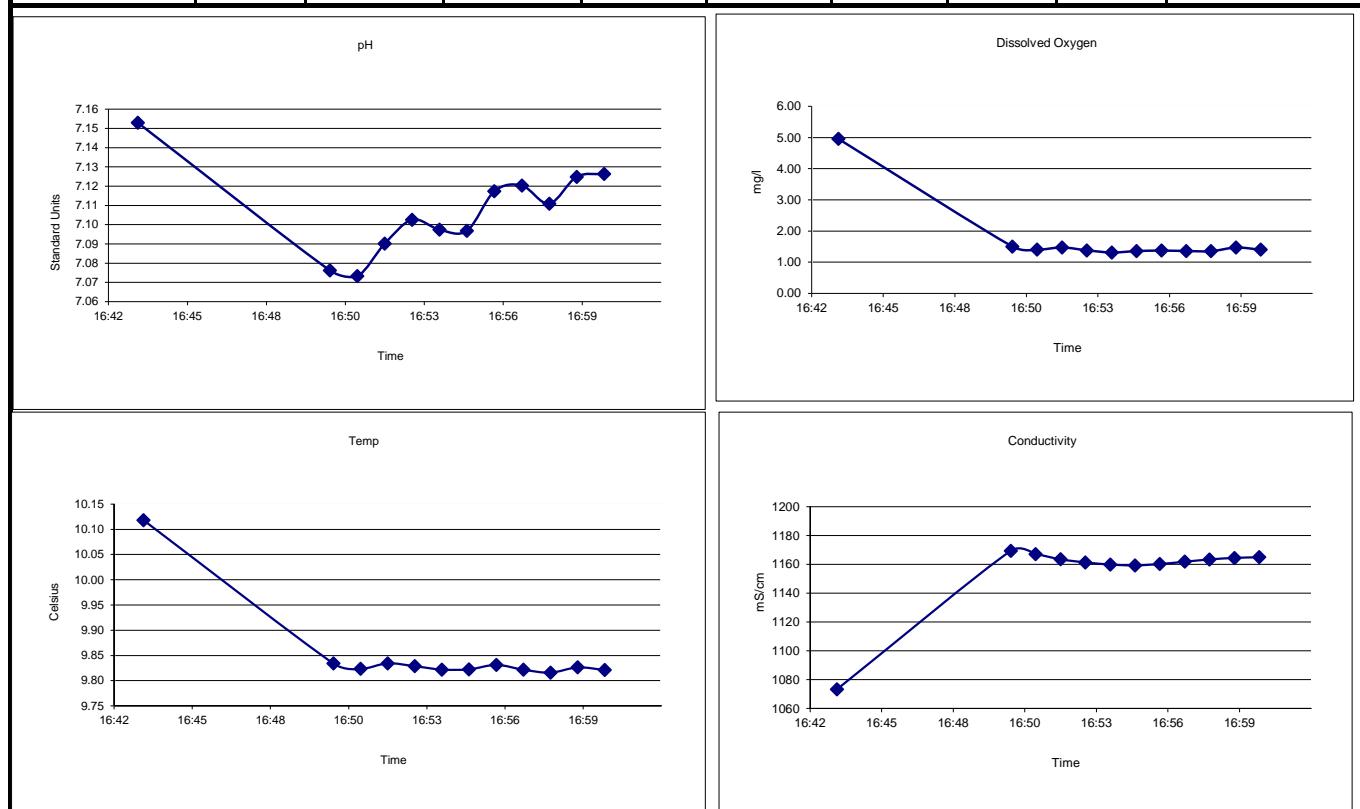
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 113A</b>
Casing Stickup (Ft.)	-1.06	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 16-Nov-16
Total Well Depth (Ft.) TOC	104.5	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	57.62	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	47.94	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
16:42							0		0
16:43	7.15	4.96	10.12	-73.4	1073.26	65	430	47.95	slightly cloudy
16:50	7.08	1.50	9.83	-46.0	1169.38		430		
16:51	7.07	1.40	9.82	-41.2	1167.12		430		
16:52	7.09	1.47	9.83	-37.7	1163.47		430		
16:53	7.10	1.38	9.83	-32.9	1161.35		430		
16:54	7.10	1.31	9.82	-29.4	1159.86		430		
16:55	7.10	1.36	9.82	-29.3	1159.27		430		slightly cloudy
16:56	7.12	1.37	9.83	-29.5	1160.23		430		
16:57	7.12	1.36	9.82	-25.4	1161.81		430	47.98	
16:58	7.11	1.35	9.82	-21.2	1163.41		430		
16:59	7.12	1.47	9.83	-20.6	1164.47		430		
17:00	7.13	1.40	9.82	-21.5	1164.93		430		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>18.0</b>	0.02	3.40%	0.05%	-0.34	0.13%				<b>7.74</b>



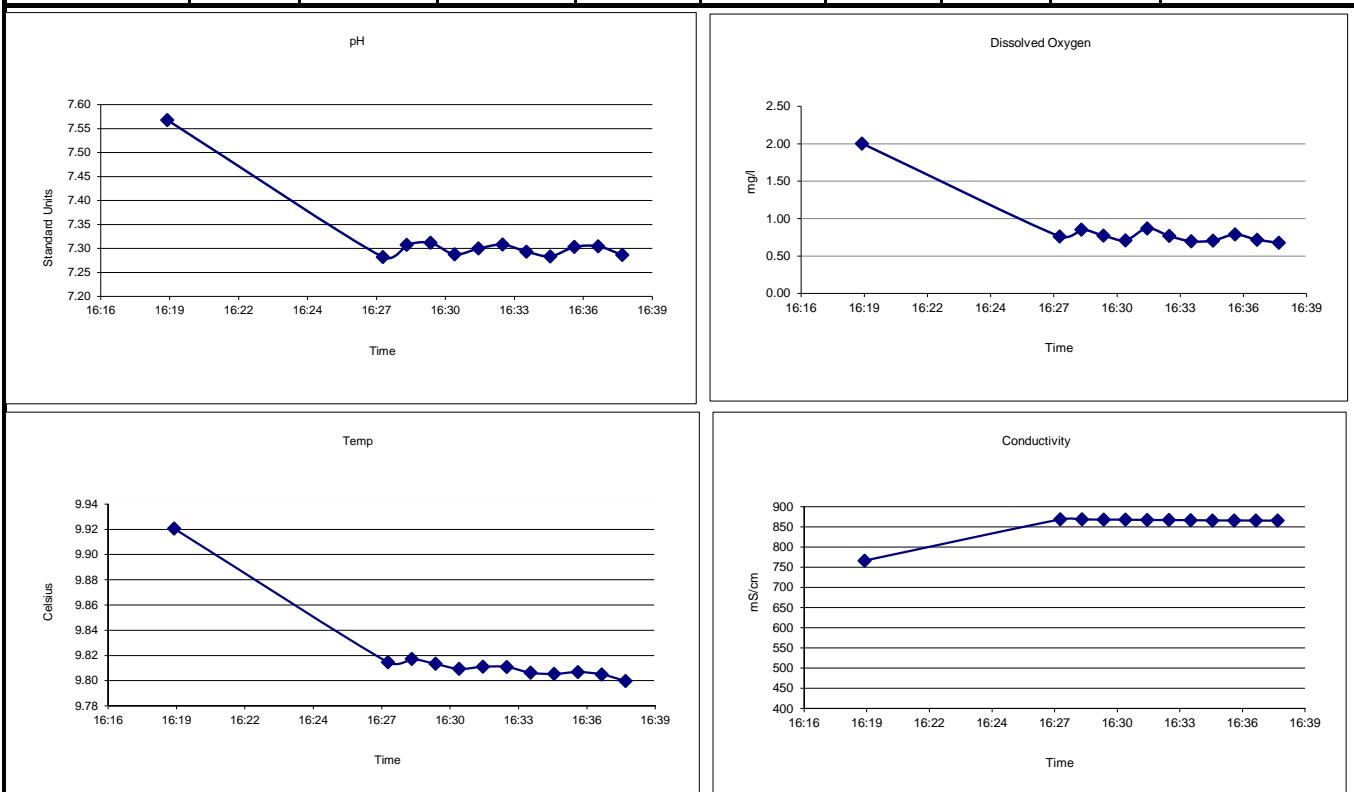
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 113B</b>
Casing Stickup (Ft.)	-0.43	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 16-Nov-16
Total Well Depth (Ft.) TOC	155.26	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	56.24	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	99.45	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
16:18							0		0
16:19	7.57	2.00	9.92	-79.7	766.35	79	410	56.3	
16:28	7.28	0.76	9.81	-208.8	868.45		410		
16:29	7.31	0.85	9.82	-209.1	868.27		410	56.31	cloudy
16:30	7.31	0.77	9.81	-200.4	868.02		410		
16:31	7.29	0.71	9.81	-194.4	867.78		410		
16:32	7.30	0.87	9.81	-201.1	867.17		410		
16:33	7.31	0.77	9.81	-202.2	866.79		410		
16:34	7.29	0.70	9.81	-201.4	866.53		410		
16:35	7.28	0.71	9.81	-202.9	865.99		410		
16:36	7.30	0.79	9.81	-199.5	865.85		410		slightly cloudy
16:37	7.30	0.72	9.80	-200.7	865.62		410	56.32	
16:38	7.29	0.68	9.80	-195.5	865.40		410		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>20.0</b>	-0.02	-16.20%	-0.07%	4.08	-0.05%			<b>8.20</b>	

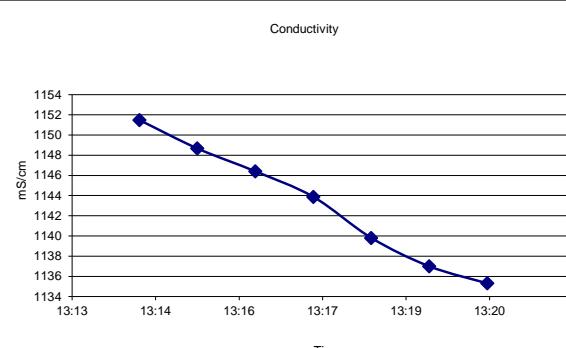
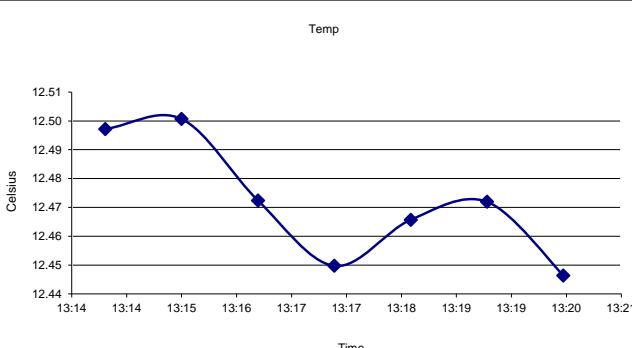
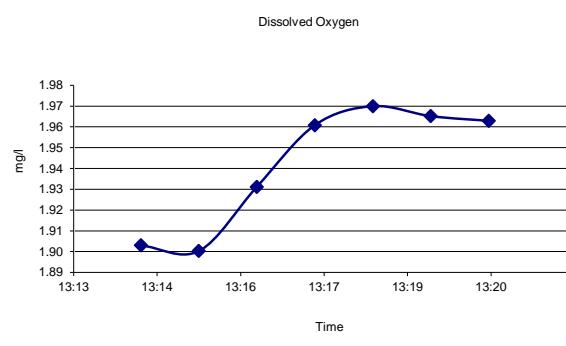
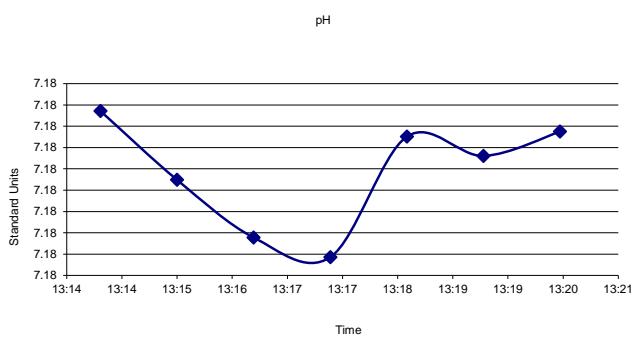


Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

<b>Casing Diameter (inch)</b>	2	<b>Pump Inlet (Ft.) TOC</b>	60	<b>Lab Analysis</b>	VOCs (SW-846 8260)	<b>Well ID:</b>	<b>MW 114A</b>
<b>Casing Stickup (Ft.)</b>	2.45	<b>Purge Method</b>  Low Flow Micro Purge		<b>Container</b>	40 mL VOA Vial	<b>Sample Date</b>	27-Nov-16
<b>Total Well Depth (Ft.) TOC</b>	97.48	<b>Purge Equip</b>  QED Air Diaphragm		<b>Sample Type</b>	Grab (Groundwater)	<b>Sampled by:</b>	Patrick Egan
<b>Static Water Level (Ft.) TOC</b>	NA	<b>Field Analysis Method</b>  Flow Thru Analysis - 250 mL		<b>Preservation</b>	HCl / Ice	<b>Site Visitors:</b>	None
<b>Water Thickness (Ft.)</b>	NA	<b>Field Analysis Equip</b>  YSI 556 MSP		<b>Sampling Period</b>	FALL 16		

## FIELD PURGE MONITORING



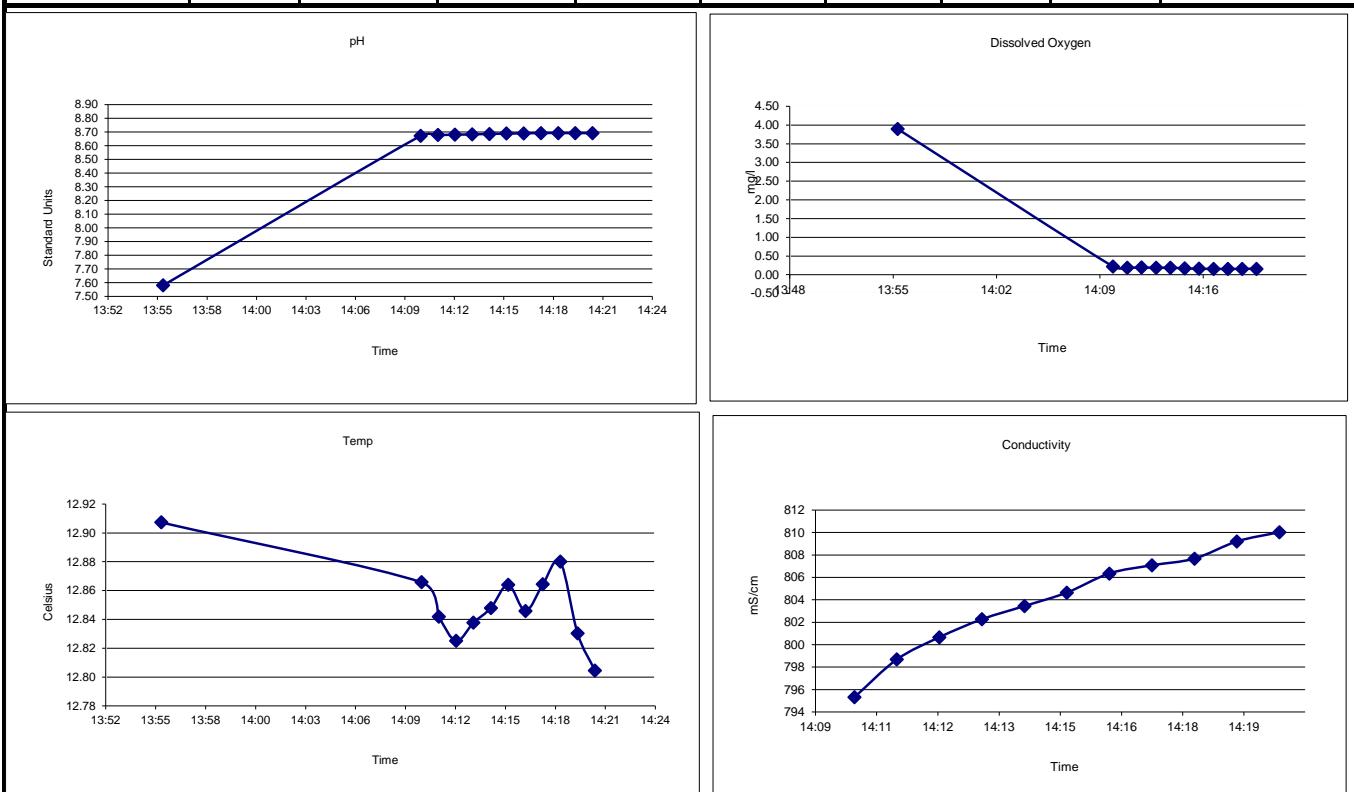
Remarks: (well condition maintenance etc.)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 114B</b>
Casing Stickup (Ft.)	-0.24	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 27-Nov-16
Total Well Depth (Ft.) TOC	222.58	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	27.81	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	195.01	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:54							0		0
13:55	7.58	3.89	12.91	41.9	762.10	39	400	27.83	slightly cloudy
14:10	8.67	0.22	12.87	-1.2	795.32		400		
14:11	8.68	0.19	12.84	-3.1	798.69		400		
14:12	8.68	0.19	12.83	-5.0	800.67		400		
14:13	8.68	0.18	12.84	-6.9	802.27		400		
14:14	8.69	0.19	12.85	-8.9	803.45		400		
14:15	8.69	0.17	12.86	-10.6	804.65		400		
14:16	8.69	0.16	12.85	-12.2	806.36		400		
14:17	8.69	0.16	12.86	-13.8	807.08		400		
14:18	8.69	0.15	12.88	-15.5	807.68		400		
14:19	8.69	0.16	12.83	-17.1	809.21		400	27.85	clear
14:20	8.69	0.16	12.80	-18.3	810.03		400		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>26.0</b>	0.00	3.26%	-0.59%	-2.89	0.29%				<b>10.40</b>



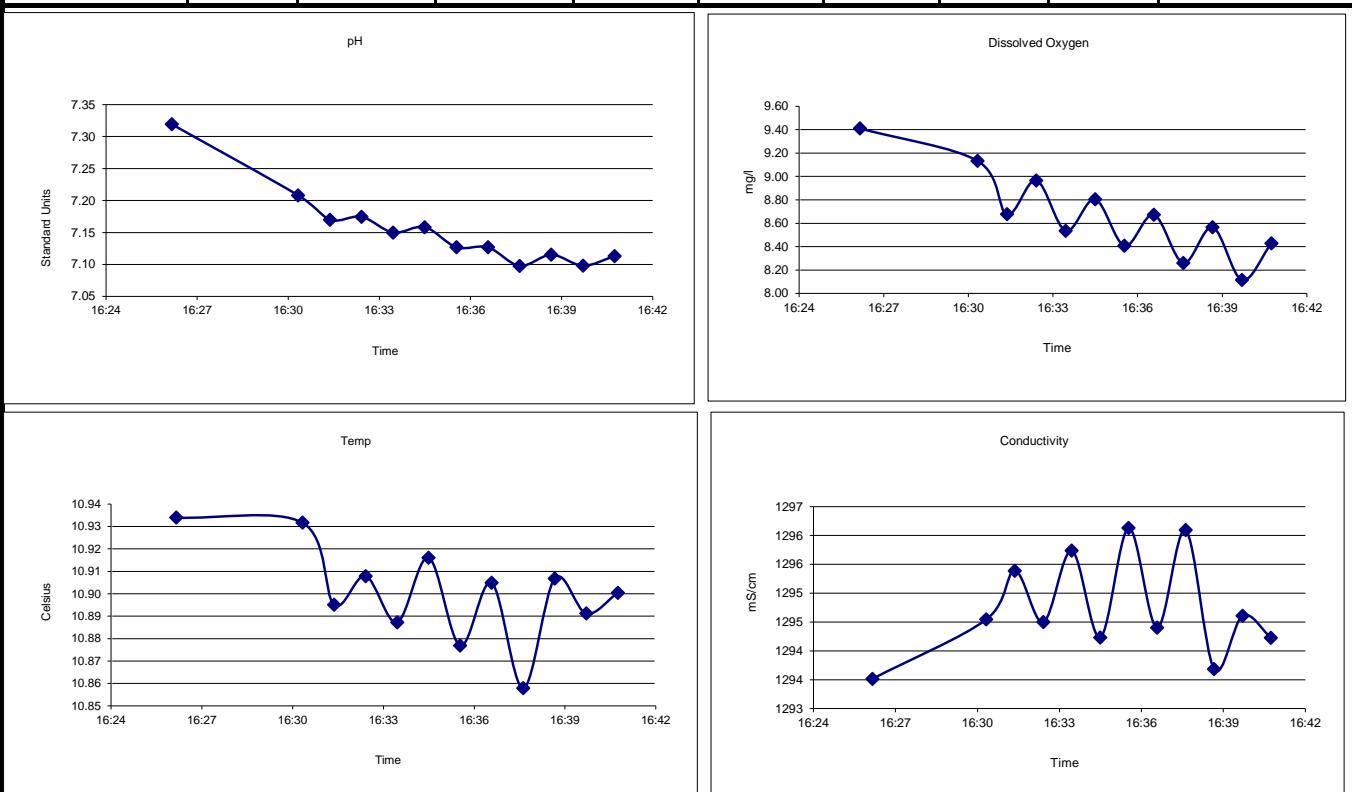
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 117B</b>
Casing Stickup (Ft.)	-0.45	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	89.5	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	5.39	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	84.56	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
16:26							0		0
16:27	7.32	9.41	10.93	120.2	1293.52	49	500		clear
16:31	7.21	9.13	10.93	107.1	1294.55		500		
16:32	7.17	8.68	10.90	106.0	1295.39		500		
16:33	7.17	8.97	10.91	104.3	1294.50		500		
16:34	7.15	8.54	10.89	105.4	1295.74		500		
16:35	7.16	8.80	10.92	100.1	1294.23		500		
16:36	7.13	8.41	10.88	105.6	1296.13		500		
16:37	7.13	8.67	10.90	109.3	1294.40		500		
16:38	7.10	8.26	10.86	105.3	1296.09		500		clear
16:39	7.12	8.57	10.91	103.8	1293.68		500	5.39	
16:40	7.10	8.11	10.89	105.2	1294.61		500		
16:41	7.11	8.43	10.90	101.1	1294.23		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>15.0</b>	0.00	-1.61%	-0.06%	-2.67	0.04%				<b>7.50</b>



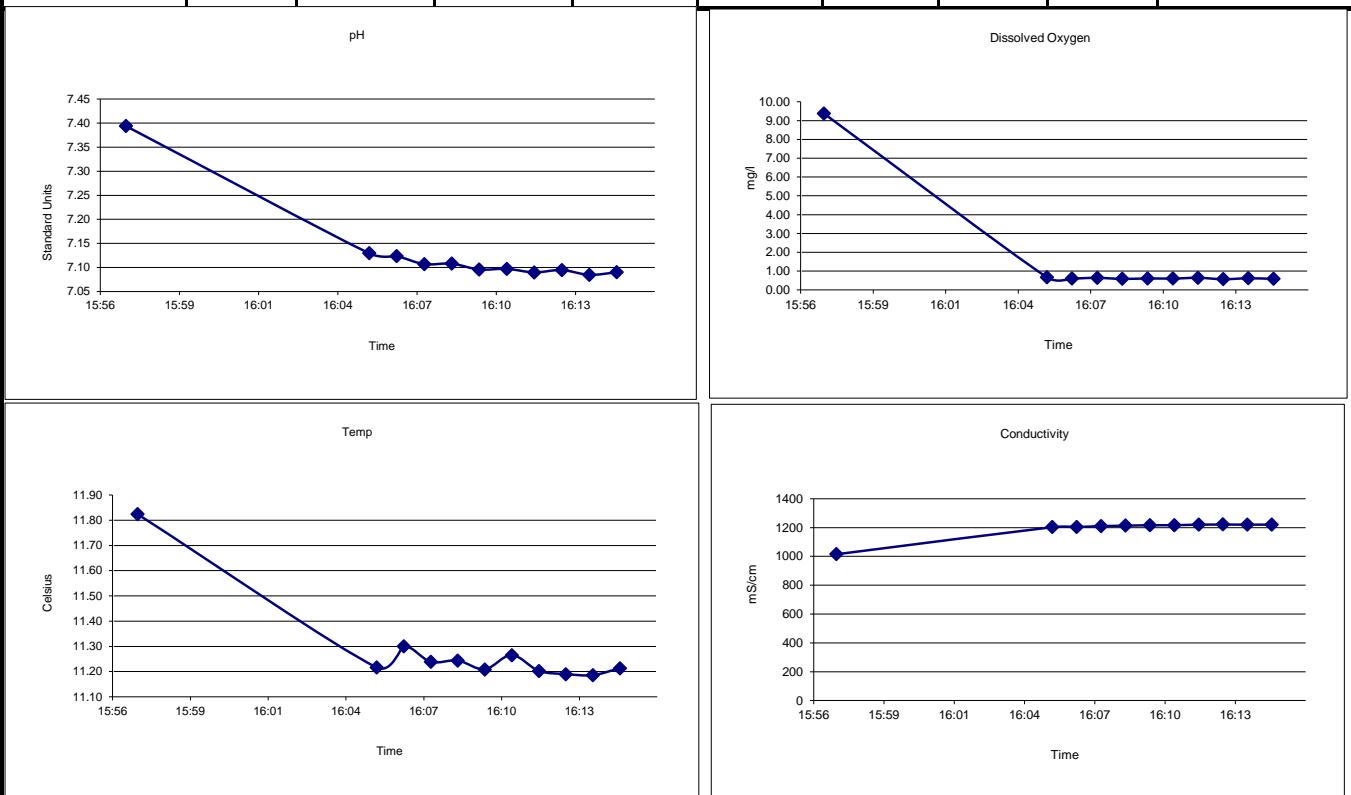
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 117C</b>
Casing Stickup (Ft.)	-0.63	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	158.31	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	4.34	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	154.60	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
15:56							0		0
15:57	7.39	9.38	11.82	184.3	1014.56	22	500		
16:05	7.13	0.68	11.22	96.5	1202.62		500		
16:06	7.12	0.61	11.30	94.5	1203.81		500		
16:07	7.11	0.64	11.24	91.4	1210.00		500		
16:08	7.11	0.58	11.24	91.7	1212.99		500		
16:09	7.10	0.61	11.21	86.7	1216.16		500		clear
16:10	7.10	0.60	11.27	80.9	1216.53		500		
16:11	7.09	0.64	11.20	84.0	1220.16		500		
16:12	7.09	0.57	11.19	80.9	1220.94		500		
16:13	7.08	0.62	11.19	77.2	1220.34		500		
16:14	7.09	0.59	11.21	74.3	1220.44		500		
16:15	7.08	0.60	11.20	72.9	1220.54		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>19.8</b>	0.00	-3.23%	0.15%	-4.36	0.02%				<b>9.92</b>



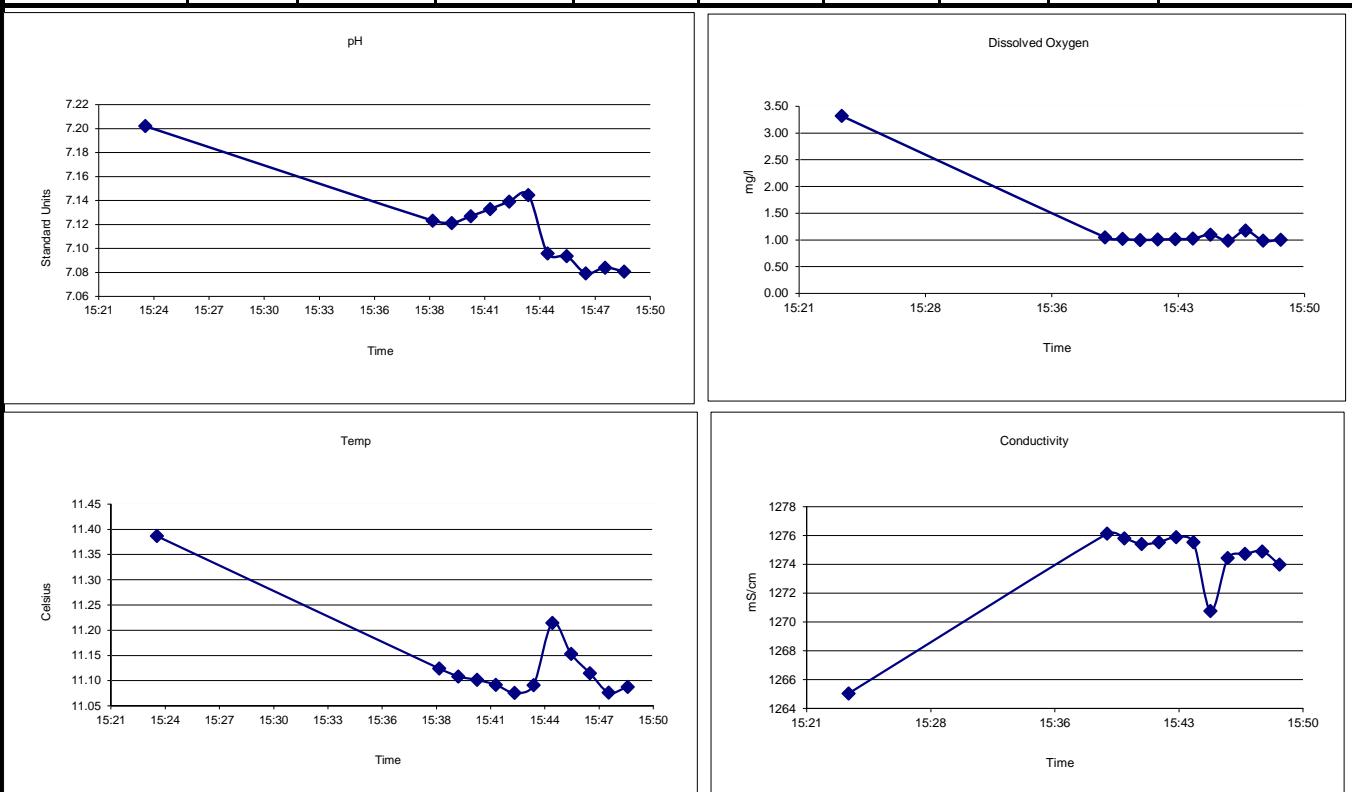
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 117D</b>
Casing Stickup (Ft.)	-0.3	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	200.2	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	3.81	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	196.69	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
15:23							0		0
15:24	7.20	3.32	11.39	184.3	1265.05	18	500	3.81	clear
15:39	7.12	1.05	11.12	50.8	1276.12		500		
15:40	7.12	1.02	11.11	50.4	1275.81		500		
15:41	7.13	1.00	11.10	49.7	1275.41		500		
15:42	7.13	1.01	11.09	49.9	1275.54		500		
15:43	7.14	1.01	11.08	51.4	1275.89		500		
15:44	7.14	1.02	11.09	53.6	1275.53		500		
15:45	7.10	1.10	11.21	55.0	1270.75		500		
15:46	7.09	0.99	11.15	47.2	1274.43		500		
15:47	7.08	1.17	11.11	47.0	1274.72		500		
15:48	7.08	0.99	11.08	44.0	1274.90		500	3.81	clear
15:49	7.08	1.00	11.09	43.5	1273.98		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>26.0</b>	0.00	-17.10%	-0.24%	-3.54	-0.06%				<b>13.00</b>



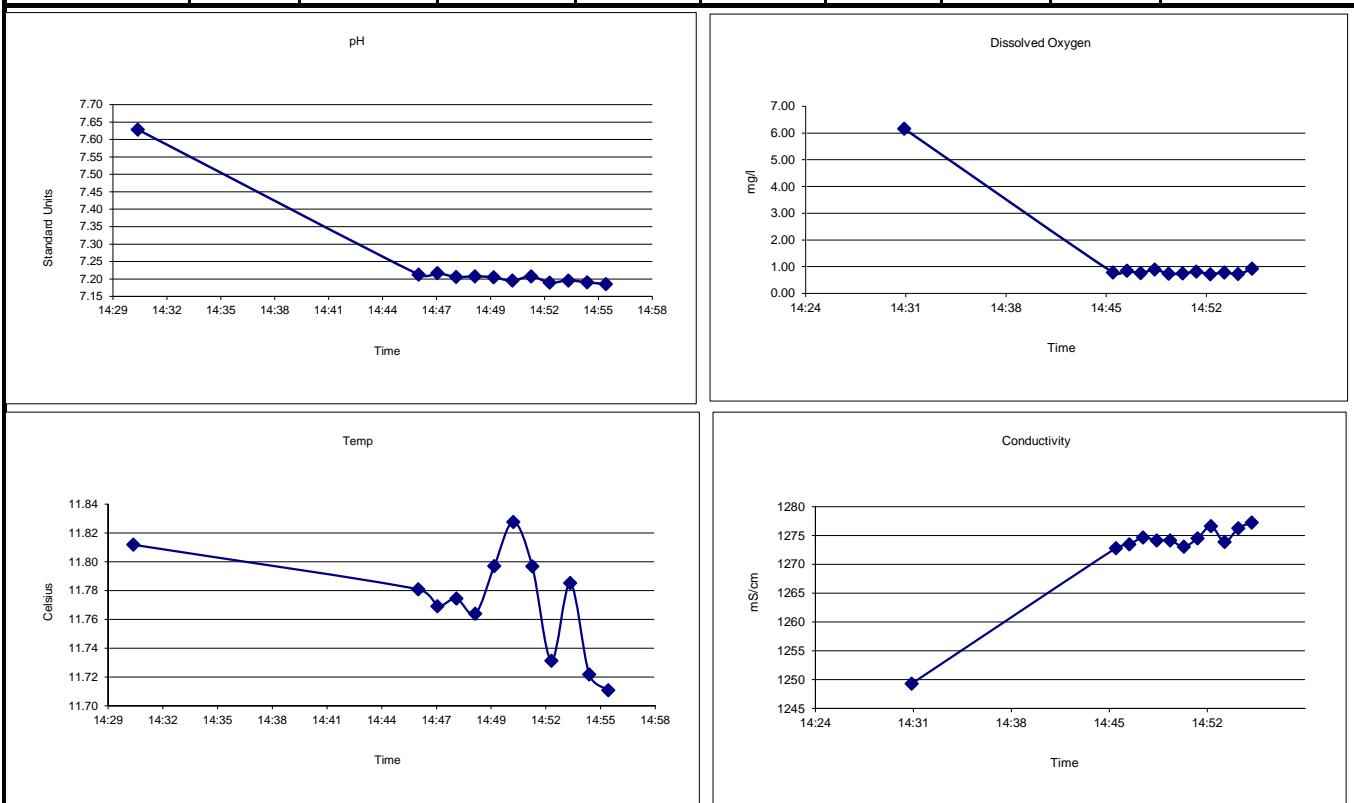
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 119</b>
Casing Stickup (Ft.)	3.25	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 12-Nov-16
Total Well Depth (Ft.) TOC	62.41	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	25.69	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	33.47	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
14:30							0		0
14:31	7.63	6.16	11.81	1.3	1249.33	30	370		
14:46	7.21	0.78	11.78	-73.5	1272.80		370		
14:47	7.22	0.84	11.77	-71.3	1273.45		370		
14:48	7.21	0.76	11.77	-64.5	1274.68		370		
14:49	7.21	0.89	11.76	-61.8	1274.14		370		
14:50	7.20	0.73	11.80	-58.0	1274.16		370		
14:51	7.20	0.74	11.83	-61.2	1273.07		370	25.8	
14:52	7.21	0.81	11.80	-62.5	1274.50		370		
14:53	7.19	0.72	11.73	-63.1	1276.60		370		
14:54	7.20	0.78	11.79	-66.0	1273.88		370		clear
14:55	7.19	0.72	11.72	-63.6	1276.27		370		
14:56	7.19	0.92	11.71	-66.3	1277.24		370		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>26.0</b>	-0.01	14.92%	-0.63%	-0.37	0.26%				<b>9.62</b>



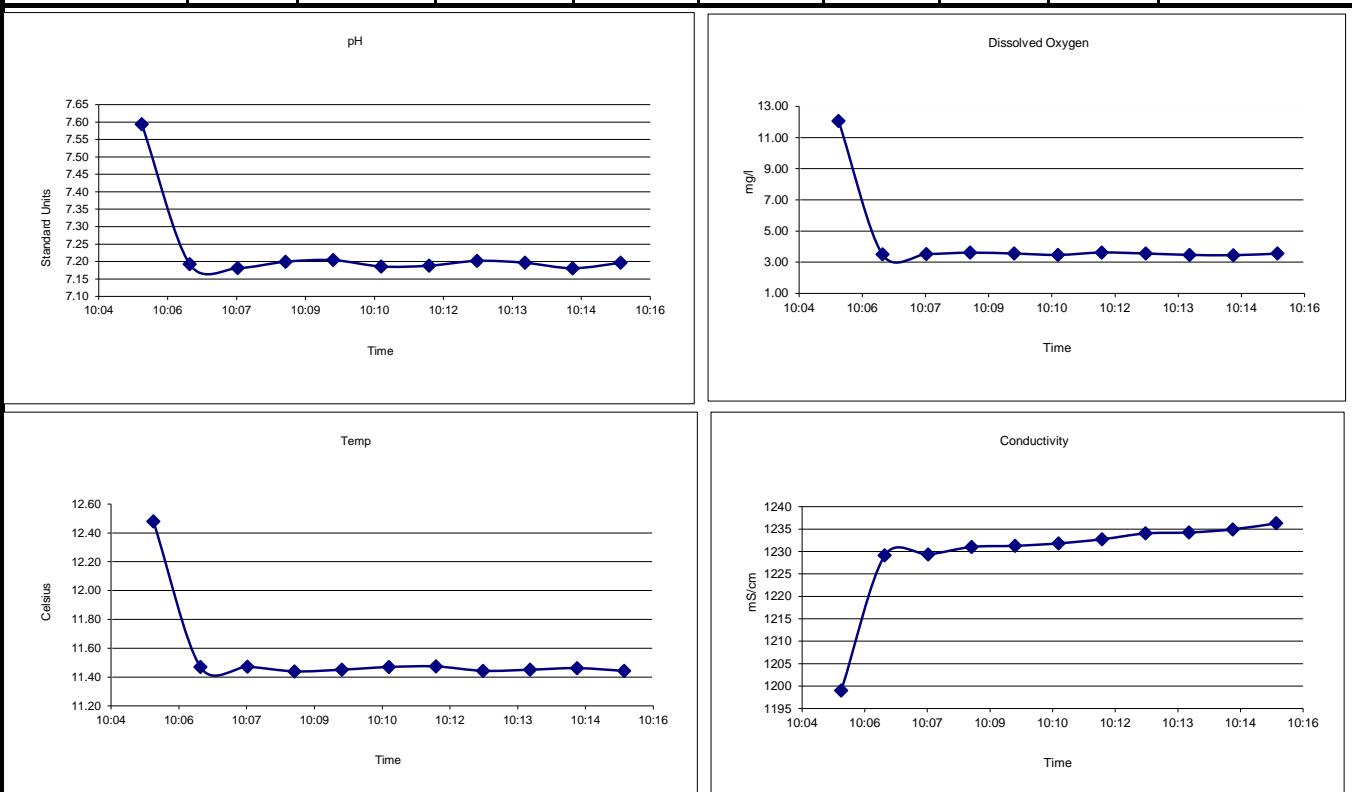
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 121</b>
Casing Stickup (Ft.)	2.53	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 17-Nov-16
Total Well Depth (Ft.) TOC	67.55	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	22.25	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	42.77	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
10:05							0		0
10:05	7.59	12.06	12.48	76.2	1199.03	81	400		
10:06	7.19	3.50	11.47	-3.3	1229.12		400		slightly cloudy
10:07	7.18	3.52	11.47	-2.8	1229.36		400	22.34	
10:08	7.20	3.62	11.44	-4.0	1231.02		400		
10:09	7.20	3.56	11.45	-4.5	1231.27		400		
10:10	7.19	3.47	11.47	-3.6	1231.82		400		
10:11	7.19	3.62	11.47	-3.7	1232.74		400		
10:12	7.20	3.56	11.44	-4.5	1234.04		400		
10:13	7.20	3.47	11.45	-4.3	1234.24		400		
10:14	7.18	3.45	11.46	-3.3	1234.94		400	22.34	slightly cloudy
10:15	7.20	3.55	11.44	-4.0	1236.28		400		
<hr/>									
MINUTES									
<b>10.0</b>	0.00	2.36%	-0.07%	0.30	0.16%		<b>4.00</b>		



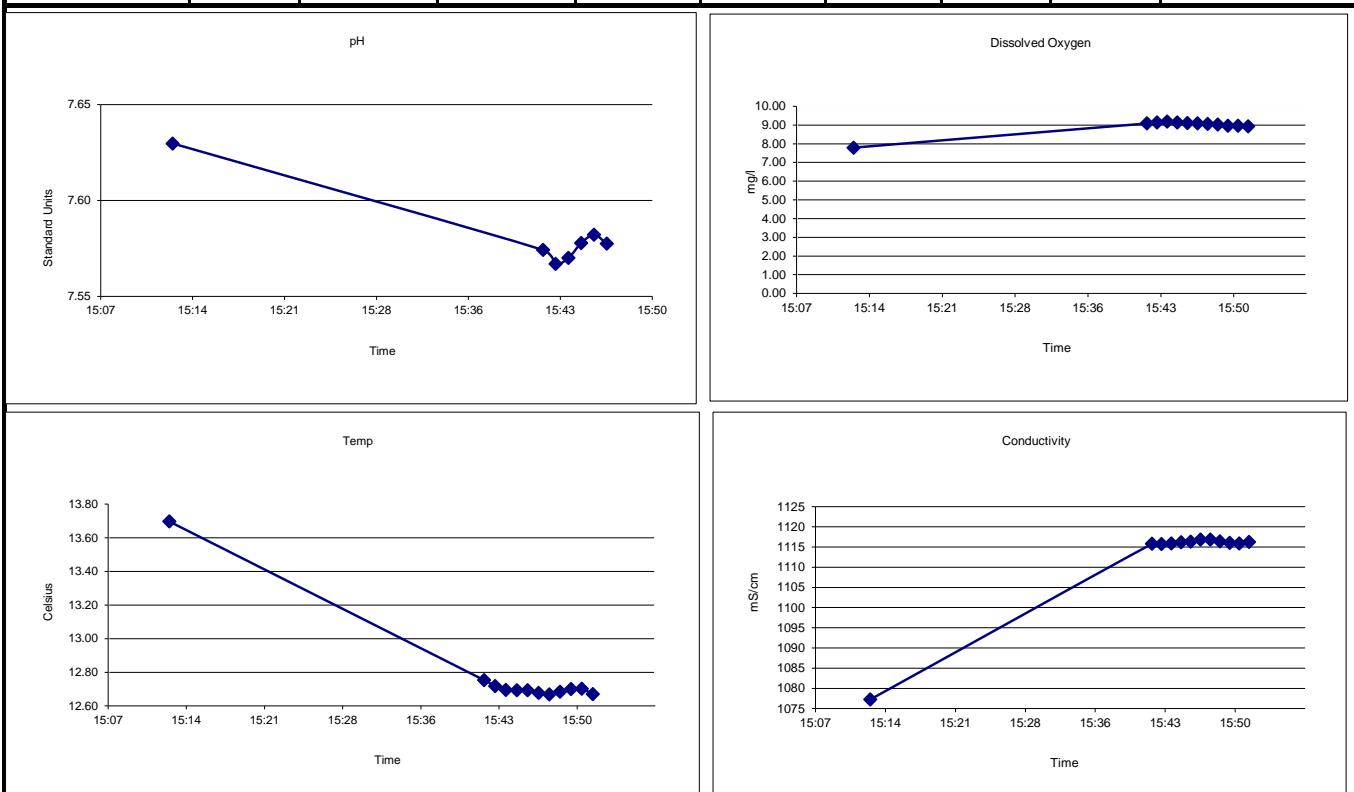
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 124</b>
Casing Stickup (Ft.)	2.17	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 12-Nov-16
Total Well Depth (Ft.) TOC	102.76	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	35.14	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	65.45	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
15:11							0		FD3 collected diff day
15:12	7.63	7.79	13.70	152.5	1077.23	54	400		
15:41	7.57	9.08	12.75	167.5	1115.78		400		
15:42	7.57	9.13	12.72	168.1	1115.73		400		
15:43	7.57	9.19	12.69	168.2	1115.86		400		
15:44	7.58	9.13	12.69	168.5	1116.15		400		
15:45	7.58	9.11	12.69	168.6	1116.34		400		
15:46	7.58	9.08	12.68	169.0	1116.82		400		
15:47	7.58	9.06	12.67	169.6	1116.84		400		
15:48	7.58	9.03	12.68	169.9	1116.40		400	35.26	
15:49	7.58	8.97	12.70	170.2	1116.02		400		clear
15:50	7.58	8.97	12.70	170.4	1115.90		400		
15:51	7.58	8.94	12.67	169.1	1116.24		400		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>40.0</b>	0.00	-0.36%	-0.23%	-1.17	0.02%			<b>16.00</b>	



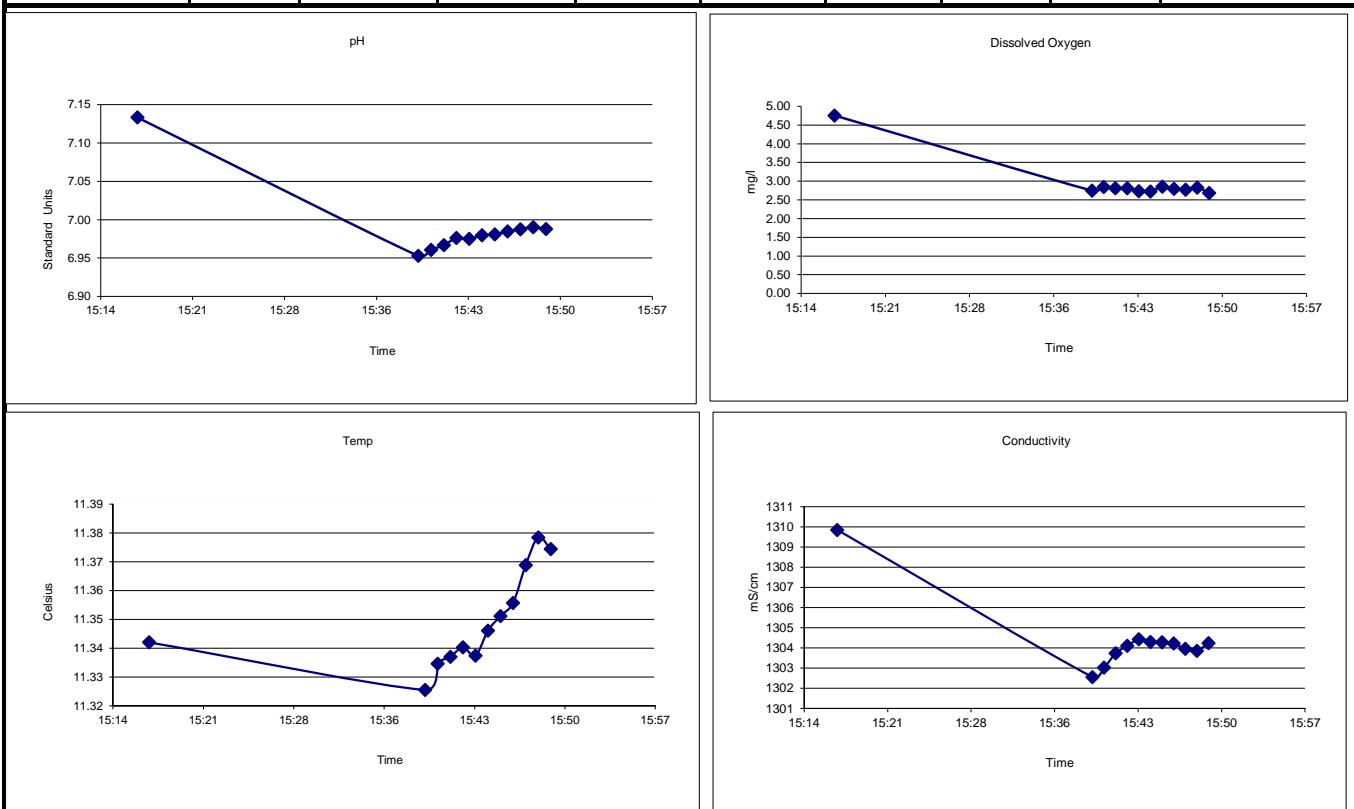
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 130</b>
Casing Stickup (Ft.)	-0.3	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 13-Nov-16
Total Well Depth (Ft.) TOC	38.17	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	23.94	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	14.53	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
15:16							0		0
15:17	7.13	4.75	11.34	134.7	1309.85	38	400		slightly cloudy
15:39	6.95	2.75	11.33	27.8	1302.56		400		
15:40	6.96	2.84	11.33	28.5	1303.03		400		
15:41	6.97	2.81	11.34	29.3	1303.73		400		
15:42	6.98	2.81	11.34	30.0	1304.11		400		
15:43	6.98	2.73	11.34	30.9	1304.42		400		
15:44	6.98	2.72	11.35	31.5	1304.30		400		
15:45	6.98	2.85	11.35	31.9	1304.29		400		
15:46	6.98	2.80	11.36	32.1	1304.22		400		
15:47	6.99	2.77	11.37	32.5	1303.95		400		
15:48	6.99	2.83	11.38	32.9	1303.86		400		
15:49	6.99	2.68	11.37	33.4	1304.24		400		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>33.0</b>	0.00	-3.47%	0.05%	0.98	0.02%				<b>13.20</b>



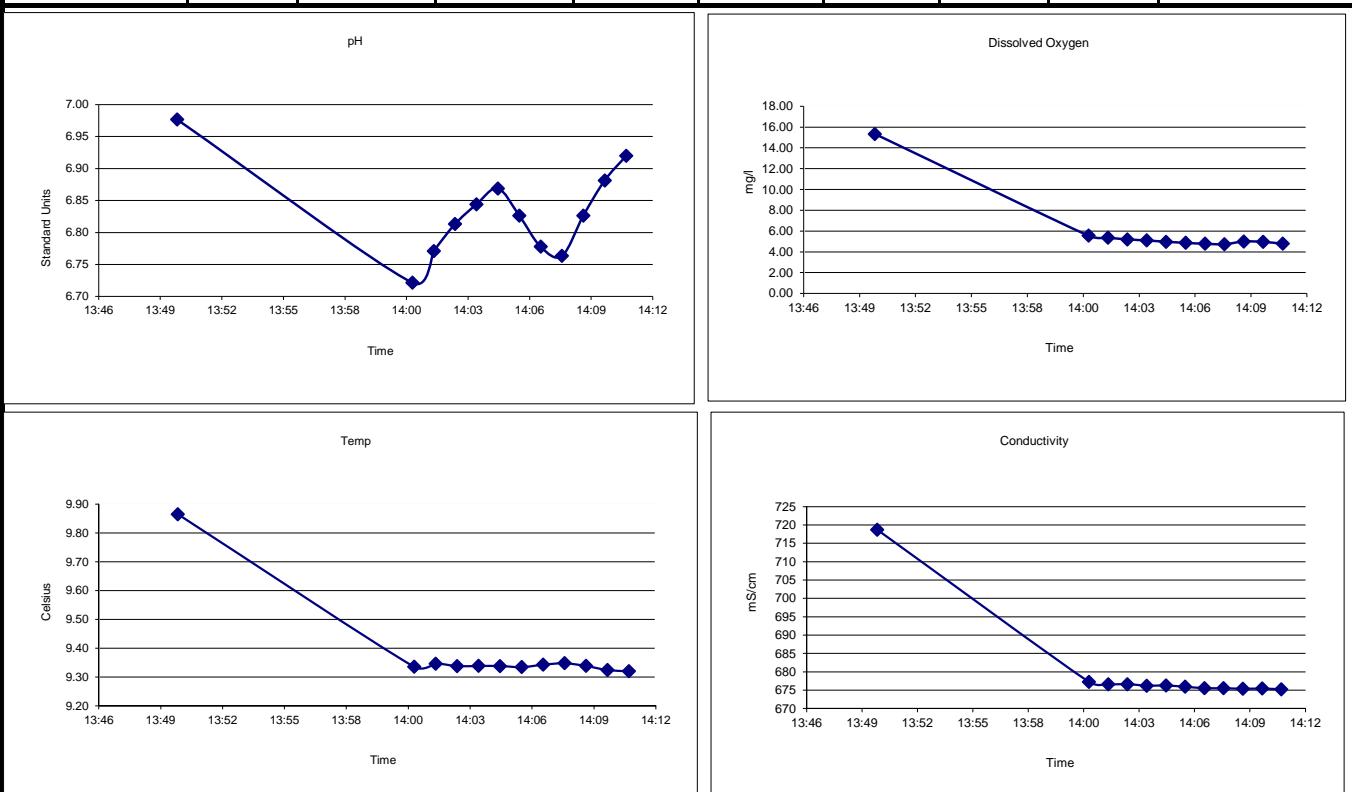
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 133A</b>
Casing Stickup (Ft.)	2.3	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 16-Nov-16
Total Well Depth (Ft.) TOC	37.85	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	NA	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	NA	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:49							0		WATER LVL BELOW
13:50	6.98	15.34	9.87	48.5	718.70	22	310		TOP OF PUMP - NOT
14:01	6.72	5.55	9.34	9.9	677.24		310		ABLE TO MEASURE
14:02	6.77	5.36	9.35	8.2	676.61		310		
14:03	6.81	5.20	9.34	6.8	676.64		310		
14:04	6.84	5.09	9.34	6.0	676.23		310		
14:05	6.87	4.97	9.34	5.7	676.27		310		
14:06	6.83	4.86	9.33	8.6	675.93		310		
14:07	6.78	4.78	9.34	12.2	675.55		310		
14:08	6.76	4.73	9.35	13.6	675.53		310		
14:09	6.83	5.00	9.34	10.6	675.39		310		
14:10	6.88	4.96	9.32	8.2	675.44		310		clear
14:11	6.92	4.78	9.32	6.6	675.24		310		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>22.0</b>	0.09	-4.63%	-0.20%	-4.01	-0.02%				<b>6.82</b>



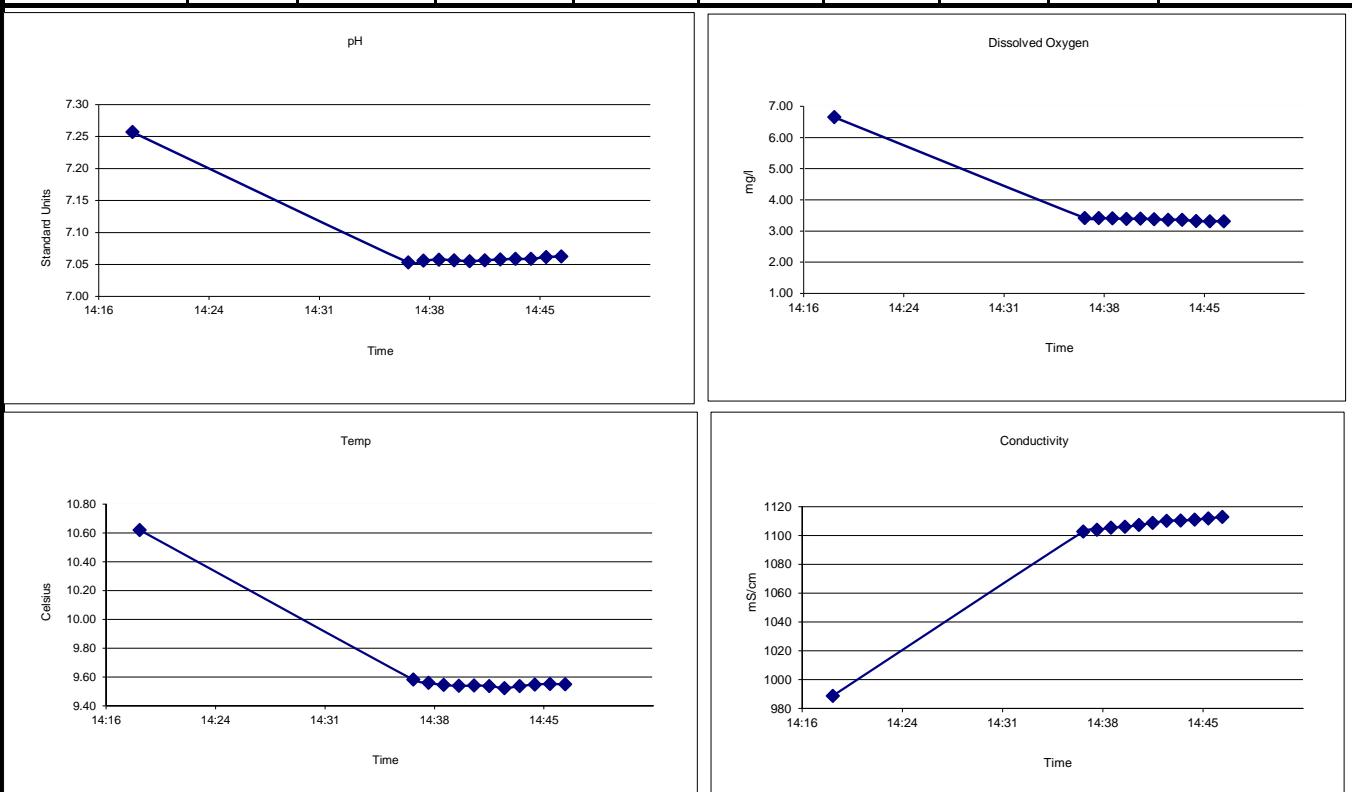
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 133B</b>
Casing Stickup (Ft.)	2.51	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 16-Nov-16
Total Well Depth (Ft.) TOC	61.49	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	27.1	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	31.88	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB NTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
14:18							0		0
14:19	7.26	6.65	10.62	7.1	988.81	46	420		
14:37	7.05	3.42	9.58	4.8	1102.73		420		
14:38	7.06	3.42	9.56	4.2	1103.97		420		
14:39	7.06	3.41	9.55	3.5	1105.36		420		
14:40	7.06	3.39	9.54	2.9	1106.03		420		slightly cloudy
14:41	7.06	3.40	9.54	2.4	1107.27		420	27.28	
14:42	7.06	3.38	9.54	1.8	1108.70		420		
14:43	7.06	3.36	9.52	1.2	1110.25		420		
14:44	7.06	3.36	9.54	0.9	1110.33		420		
14:45	7.06	3.32	9.55	0.5	1111.00		420		
14:46	7.06	3.32	9.55	0.2	1111.89		420	27.28	slightly cloudy
14:47	7.06	3.32	9.55	-0.1	1112.91		420		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>29.0</b>	0.00	-0.13%	0.01%	-0.60	0.17%				<b>12.18</b>



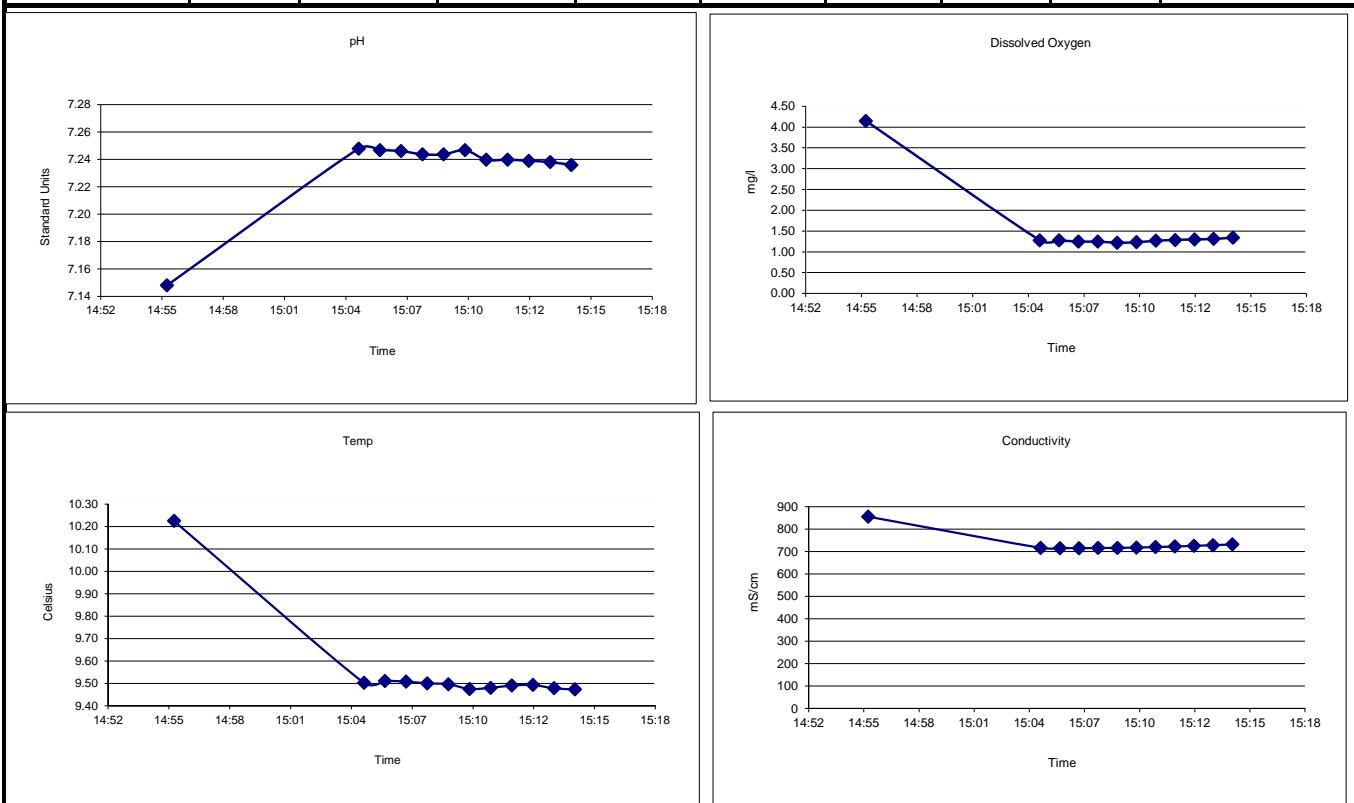
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 133C</b>
Casing Stickup (Ft.)	2.37	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 16-Nov-16
Total Well Depth (Ft.) TOC	98.49	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	22.73	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	73.39	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
14:54							0		0
14:55	7.15	4.15	10.22	41.0	855.21	31	500		
15:04	7.25	1.28	9.50	-16.6	716.09		500		
15:05	7.25	1.27	9.51	-19.5	715.37		500	22.84	
15:06	7.25	1.25	9.51	-22.1	715.04		500		
15:07	7.24	1.24	9.50	-24.0	715.50		500		clear
15:08	7.24	1.22	9.50	-25.9	716.28		500		
15:09	7.25	1.23	9.48	-27.1	717.81		500		
15:10	7.24	1.27	9.48	-28.3	719.89		500		
15:11	7.24	1.29	9.49	-28.8	722.35		500		
15:12	7.24	1.30	9.49	-29.2	725.29		500	22.85	clear
15:13	7.24	1.31	9.48	-29.7	728.43		500		
15:14	7.24	1.34	9.47	-29.3	731.39		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>20.0</b>	0.00	3.29%	-0.21%	-0.11	0.83%				<b>10.00</b>



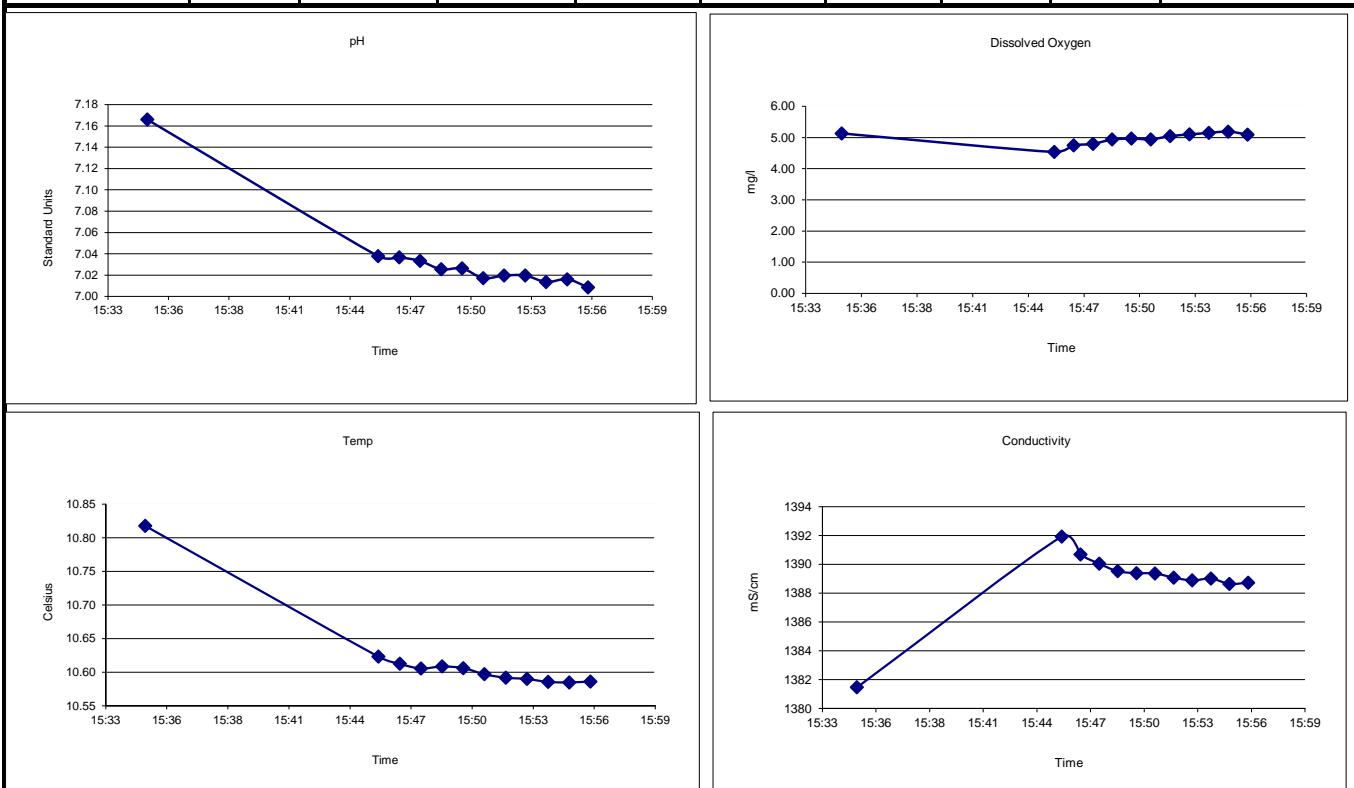
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 136</b>
Casing Stickup (Ft.)	-0.42	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 16-Nov-16
Total Well Depth (Ft.) TOC	44.33	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	34.03	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	10.72	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
15:33							0		0
15:34	7.17	5.13	10.82	53.7	1381.47	46	320		
15:45	7.04	4.54	10.62	30.1	1391.93		320		
15:46	7.04	4.75	10.61	29.3	1390.68		320		
15:47	7.03	4.80	10.61	28.8	1390.05		320		
15:48	7.03	4.94	10.61	28.4	1389.52		320		
15:49	7.03	4.97	10.61	27.6	1389.39		320		
15:50	7.02	4.94	10.60	27.4	1389.36		320		
15:51	7.02	5.04	10.59	26.4	1389.08		320	34.22	
15:52	7.02	5.10	10.59	25.8	1388.88		320		
15:53	7.01	5.15	10.59	25.5	1389.01		320		slightly cloudy
15:54	7.02	5.19	10.58	24.7	1388.65		320		
15:55	7.01	5.10	10.59	24.7	1388.73		320		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>22.0</b>	-0.01	-1.03%	0.01%	-0.82	-0.02%				<b>7.04</b>



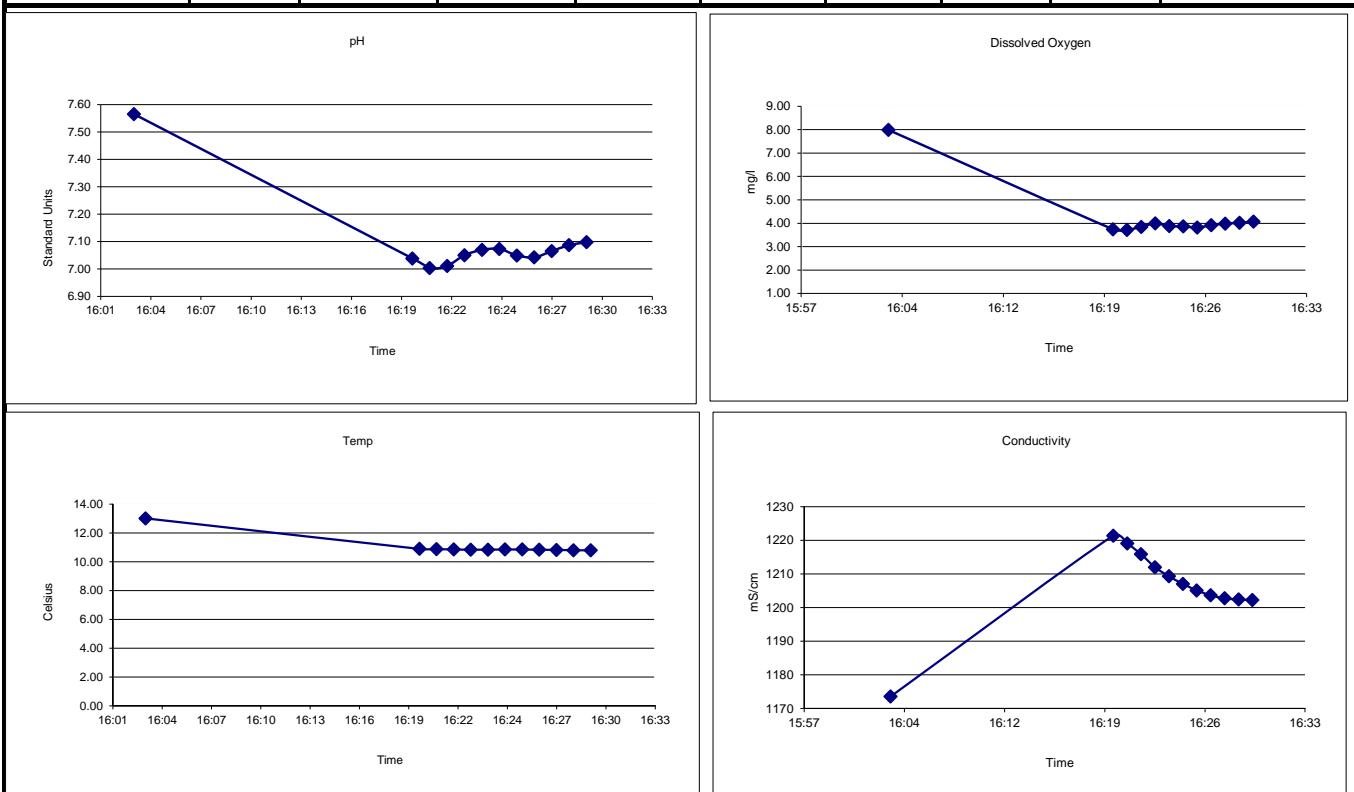
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 200</b>
Casing Stickup (Ft.)	1.15	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 13-Nov-16
Total Well Depth (Ft.) TOC	89.93	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	50.08	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	38.70	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
16:02							0		0
16:03	7.57	7.99	13.01	98.7	1173.58	61	410		
16:19	7.04	3.74	10.89	-21.1	1221.40		410		slightly
16:20	7.00	3.72	10.88	-16.6	1219.08		410		
16:21	7.01	3.85	10.85	-12.9	1215.84		410		
16:22	7.05	3.99	10.84	-13.0	1211.99		410	50.2	
16:23	7.07	3.88	10.84	-11.1	1209.30		410		
16:24	7.07	3.87	10.85	-9.1	1207.06		410		
16:25	7.05	3.82	10.85	-4.8	1205.11		410		
16:26	7.04	3.91	10.83	-1.7	1203.63		410		
16:27	7.07	3.99	10.82	-0.5	1202.74		410	50.21	slightly cloudy
16:28	7.09	4.02	10.80	0.0	1202.43		410		
16:29	7.10	4.07	10.79	0.6	1202.21		410		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>27.0</b>	0.03	1.95%	-0.28%	1.09	-0.04%				<b>11.07</b>



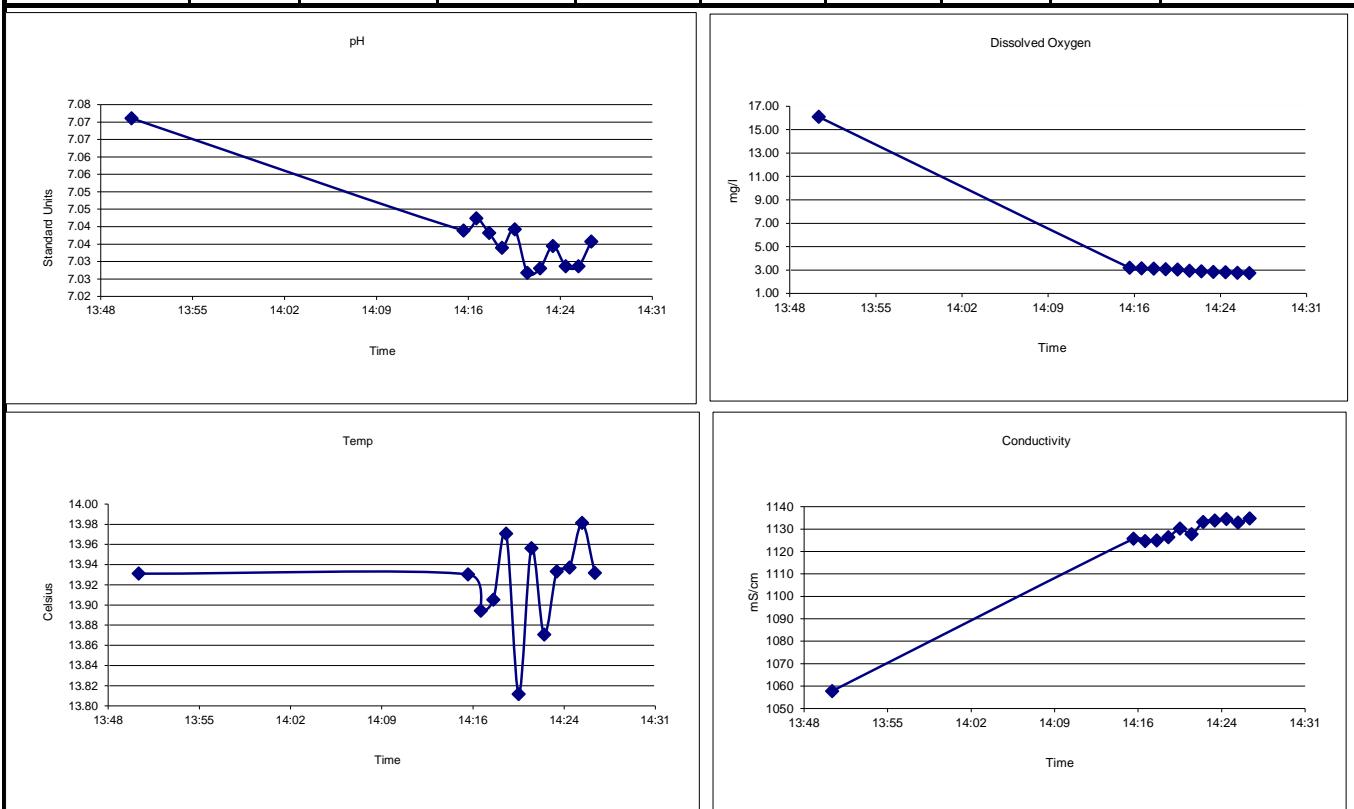
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 201</b>
Casing Stickup (Ft.)	-0.32	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 12-Nov-16
Total Well Depth (Ft.) TOC	50.15	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	30.08	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	20.39	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:49							0		FIELD DUP: FD-1
13:50	7.07	16.10	13.93	61.9	1057.80	43	300		SAMPLED AT 15:58
14:16	7.04	3.19	13.93	24.6	1125.74		300		
14:17	7.04	3.15	13.89	25.6	1124.72		300		
14:18	7.04	3.12	13.91	25.9	1124.97		300		
14:19	7.03	3.07	13.97	26.5	1126.38		300		clear
14:20	7.04	3.03	13.81	26.7	1130.25		300		
14:21	7.03	2.95	13.96	26.7	1127.77		300		
14:22	7.03	2.90	13.87	25.9	1133.19		300		
14:23	7.03	2.84	13.93	25.4	1133.87		300		
14:24	7.03	2.80	13.94	25.5	1134.46		300		
14:25	7.03	2.76	13.98	26.4	1132.83		300	30.21	clear
14:26	7.04	2.74	13.93	26.5	1134.78		300		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>36.0</b>	0.01	-2.36%	-0.04%	1.02	0.03%				<b>10.80</b>



Remarks: (well condition, maintenance, etc...)

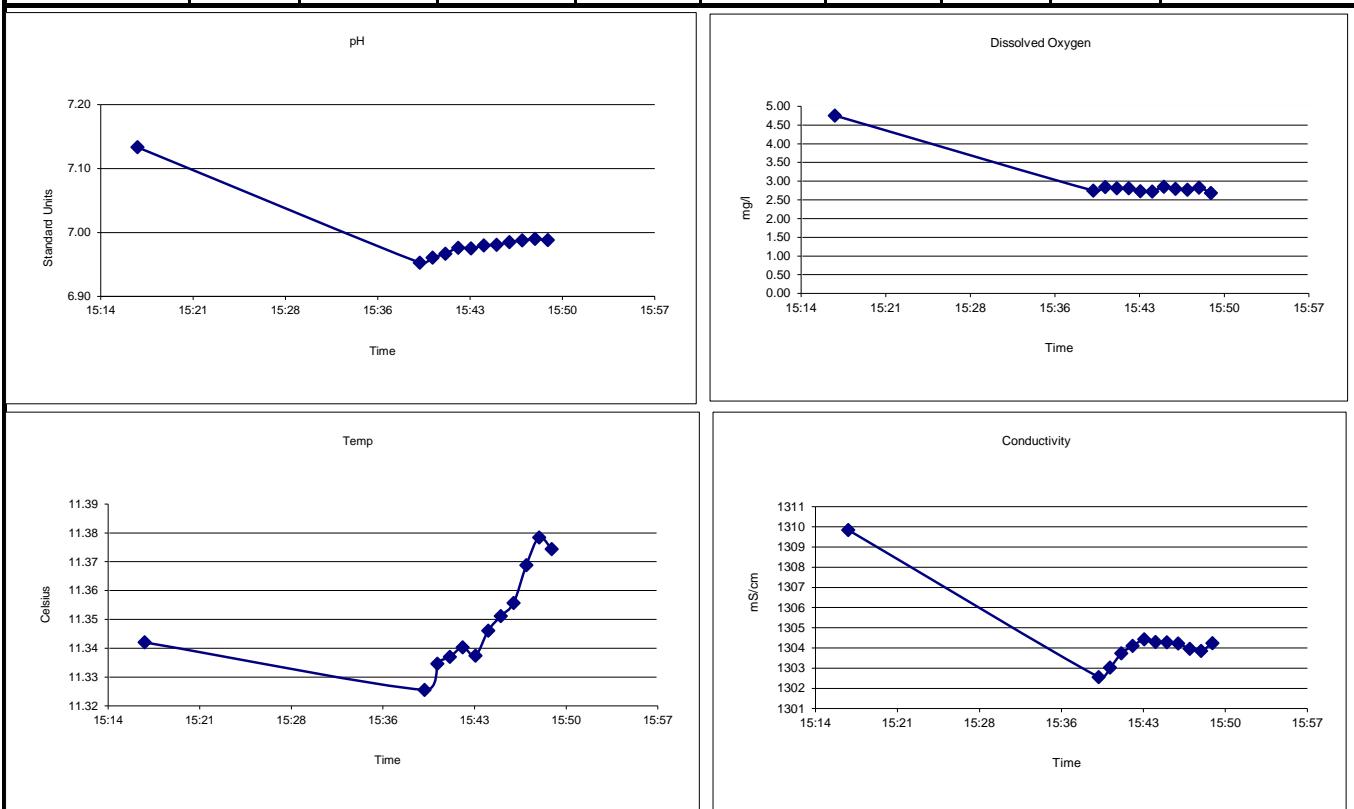
FD-1 field duplicate

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 202</b>
Casing Stickup (Ft.)	-0.32	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 13-Nov-16
Total Well Depth (Ft.) TOC	50.01	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	29.17	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	21.16	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
15:16							0		0
15:17	7.13	4.75	11.34	134.7	1309.85	59	310		
15:39	6.95	2.75	11.33	27.8	1302.56		310		
15:40	6.96	2.84	11.33	28.5	1303.03		310		
15:41	6.97	2.81	11.34	29.3	1303.73		310		clear
15:42	6.98	2.81	11.34	30.0	1304.11		310		
15:43	6.98	2.73	11.34	30.9	1304.42		310		
15:44	6.98	2.72	11.35	31.5	1304.30		310	29.3	
15:45	6.98	2.85	11.35	31.9	1304.29		310		
15:46	6.98	2.80	11.36	32.1	1304.22		310		
15:47	6.99	2.77	11.37	32.5	1303.95		310		clear
15:48	6.99	2.83	11.38	32.9	1303.86		310		
15:49	6.99	2.68	11.37	33.4	1304.24		310		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>33.0</b>	0.00	-3.47%	0.05%	0.98	0.02%				<b>10.23</b>



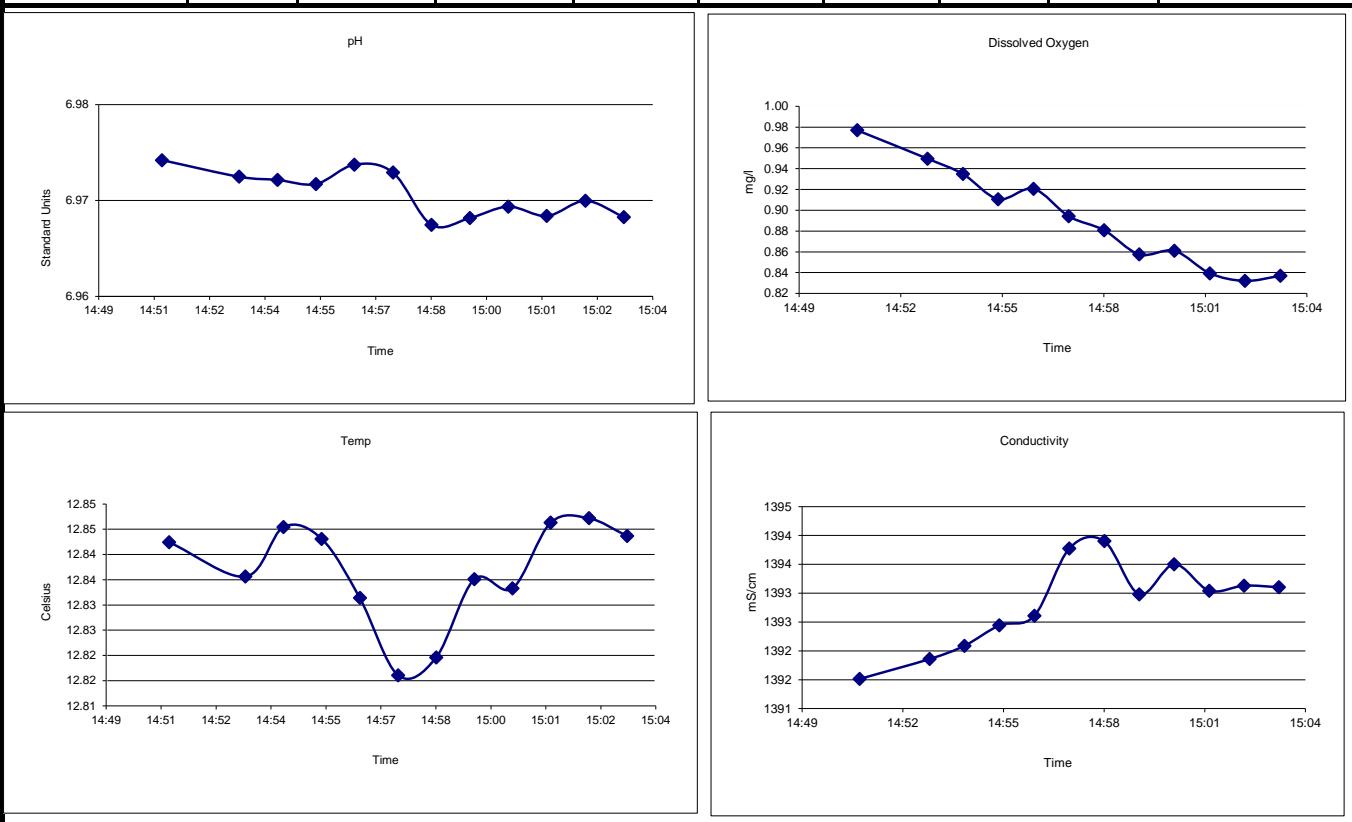
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 203</b>
Casing Stickup (Ft.)	-0.58	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 13-Nov-16
Total Well Depth (Ft.) TOC	49.35	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	28.68	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	21.25	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
14:50							0		0
14:51	6.97	0.98	12.84	24.7	1391.51	88	280		slightly cloudy
14:53	6.97	0.95	12.84	24.8	1391.86		280	28.74	
14:54	6.97	0.93	12.85	25.0	1392.09		280		
14:55	6.97	0.91	12.84	24.0	1392.44		280		
14:56	6.97	0.92	12.83	23.2	1392.61		280		
14:57	6.97	0.89	12.82	23.1	1393.78		280		
14:58	6.97	0.88	12.82	23.3	1393.90		280		
14:59	6.97	0.86	12.84	22.6	1392.98		280	28.78	
15:00	6.97	0.86	12.83	22.4	1393.50		280		
15:01	6.97	0.84	12.85	21.7	1393.04		280		
15:02	6.97	0.83	12.85	22.0	1393.13		280		slightly cloudy
15:03	6.97	0.84	12.84	21.5	1393.10		280		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>13.0</b>	0.00	-0.30%	-0.02%	-0.22	0.00%				<b>3.64</b>



### Remarks: (well condition, maintenance, etc...)

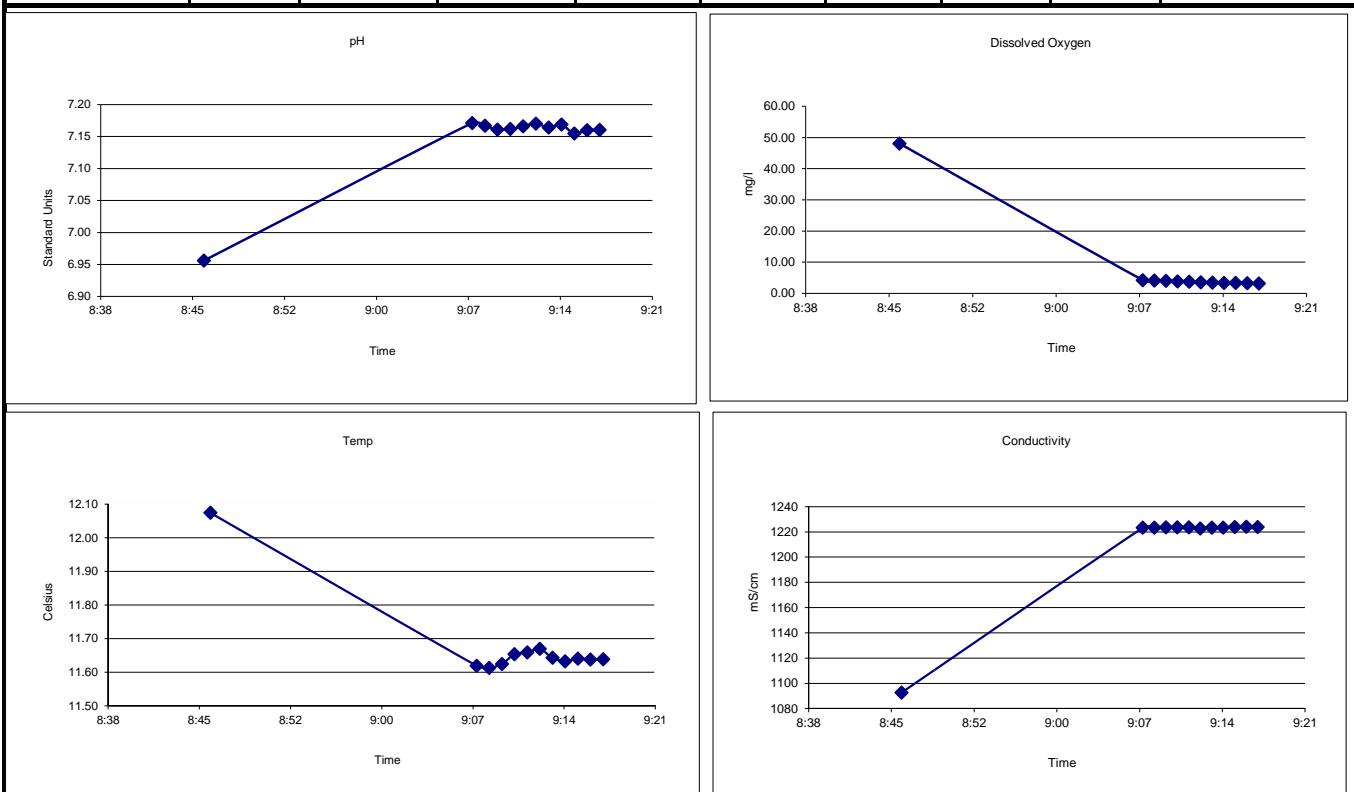
MW-203 was sampled with a portable low flow sampling pump. The permanent well pump installed in the well was removed by an unknown party.

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 204</b>
Casing Stickup (Ft.)	-0.39	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 17-Nov-16
Total Well Depth (Ft.) TOC	88.96	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	26.42	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	62.93	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
8:45							0		0
8:46	6.96	48.09	12.07	28.8	1092.63	29	410		slightly cloudy
9:07	7.17	4.25	11.62	-15.3	1223.25		410		
9:08	7.17	4.11	11.61	-16.8	1223.35		410		
9:09	7.16	4.07	11.62	-16.7	1223.54		410		
9:10	7.16	3.83	11.65	-15.1	1223.50		410	26.47	
9:11	7.17	3.76	11.66	-12.7	1223.68		410		clear
9:12	7.17	3.59	11.67	-13.0	1222.57		410		
9:13	7.16	3.50	11.64	-15.3	1223.24		410		
9:14	7.17	3.39	11.63	-17.1	1223.46		410		
9:15	7.15	3.36	11.64	-17.2	1223.71		410		
9:16	7.16	3.24	11.64	-18.4	1223.96		410		clear
9:17	7.16	3.19	11.64	-20.8	1223.75		410		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>32.0</b>	0.01	-5.23%	-0.02%	-3.56	0.00%				<b>13.12</b>



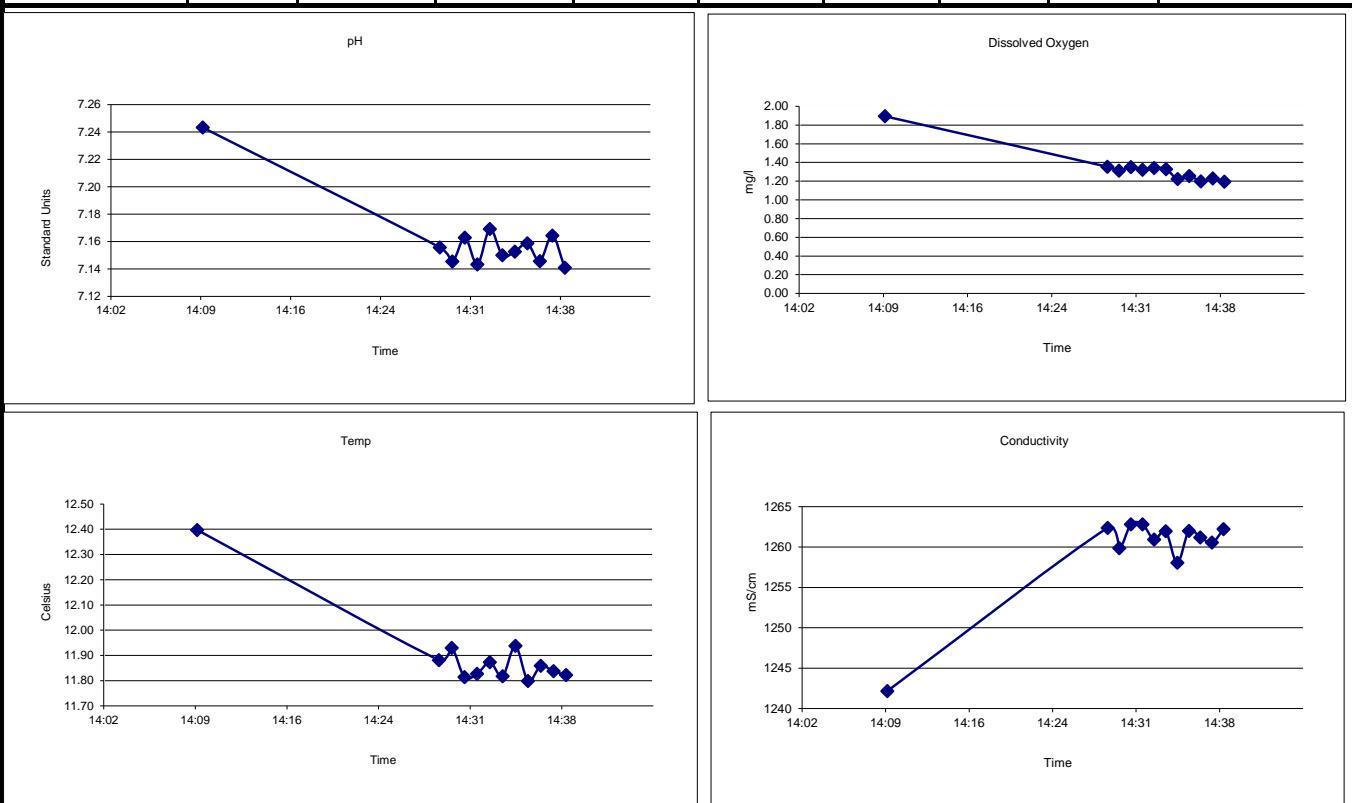
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 205A</b>
Casing Stickup (Ft.)	-0.34	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	110.27	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	2.34	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	108.27	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
14:08							0		0
14:09	7.24	1.89	12.40	106.4	1242.17	18	500		clear
14:28	7.16	1.35	11.88	31.8	1262.37		500		clear
14:29	7.15	1.31	11.93	32.1	1259.87		500		
14:30	7.16	1.35	11.81	30.7	1262.80		500		
14:31	7.14	1.32	11.83	29.7	1262.82		500		
14:32	7.17	1.34	11.87	30.1	1260.94		500		
14:33	7.15	1.33	11.82	28.9	1261.96		500	2.35	
14:34	7.15	1.22	11.94	26.4	1258.03		500		
14:35	7.16	1.25	11.80	24.9	1262.00		500		
14:36	7.15	1.20	11.86	23.8	1261.19		500		clear
14:37	7.16	1.23	11.84	21.9	1260.55		500		
14:38	7.14	1.19	11.82	22.5	1262.23		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>30.0</b>	0.00	-0.45%	-0.31%	-1.23	0.08%				<b>15.00</b>



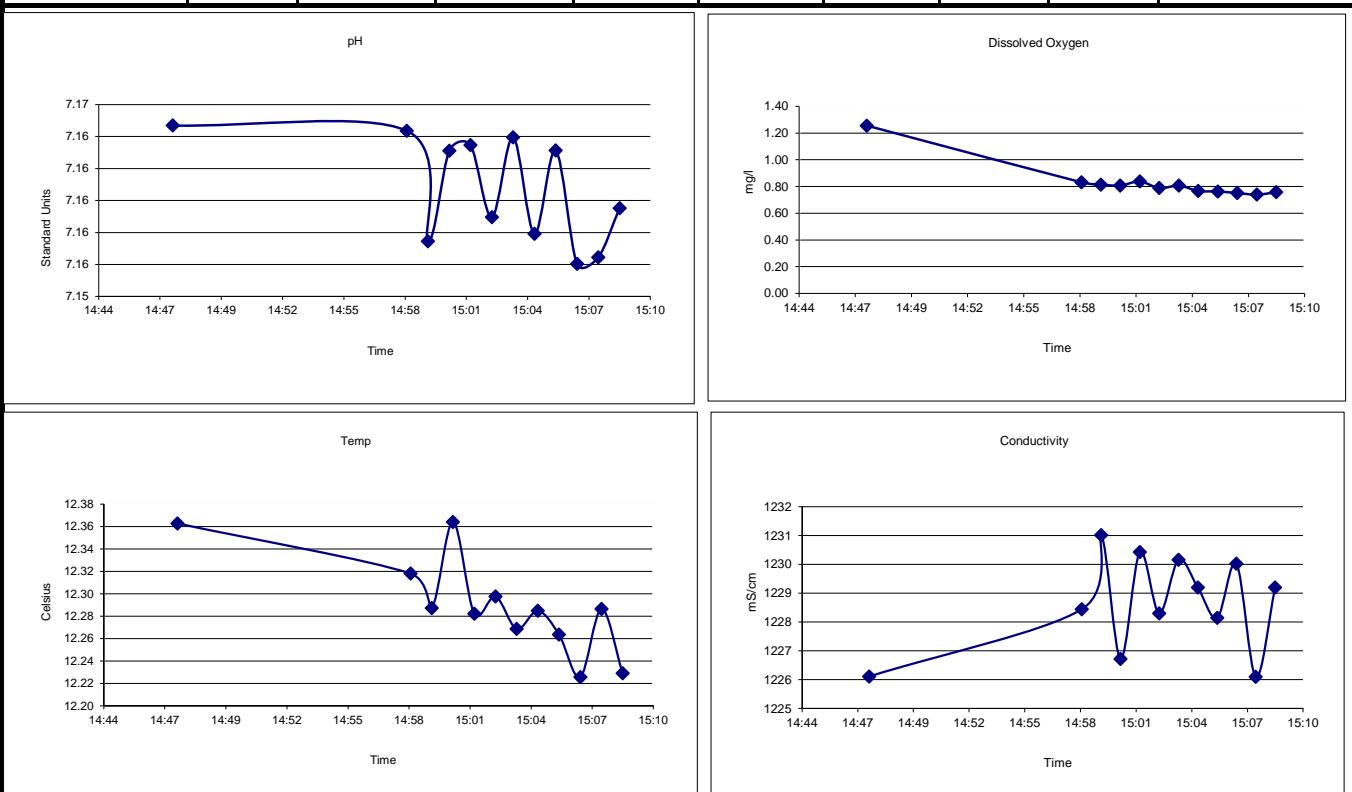
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 205B</b>
Casing Stickup (Ft.)	-0.48	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	150.05	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	2.18	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	148.35	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
14:46							0		0
14:47	7.16	1.26	12.36	67.2	1226.11	36	500		
14:58	7.16	0.83	12.32	30.9	1228.44		500		
14:59	7.16	0.81	12.29	34.4	1231.01		500		
15:00	7.16	0.81	12.36	33.3	1226.72		500		
15:01	7.16	0.84	12.28	32.3	1230.42		500		
15:02	7.16	0.79	12.30	35.1	1228.30		500		
15:03	7.16	0.81	12.27	32.4	1230.15		500		
15:04	7.16	0.77	12.28	32.5	1229.19		500		
15:05	7.16	0.76	12.26	32.9	1228.14		500		
15:06	7.16	0.75	12.23	34.9	1230.02		500		
15:07	7.16	0.74	12.29	36.9	1226.10		500		
15:08	7.16	0.76	12.23	32.6	1229.19		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>22.0</b>	0.00	0.82%	0.03%	-2.32	-0.07%				<b>11.00</b>



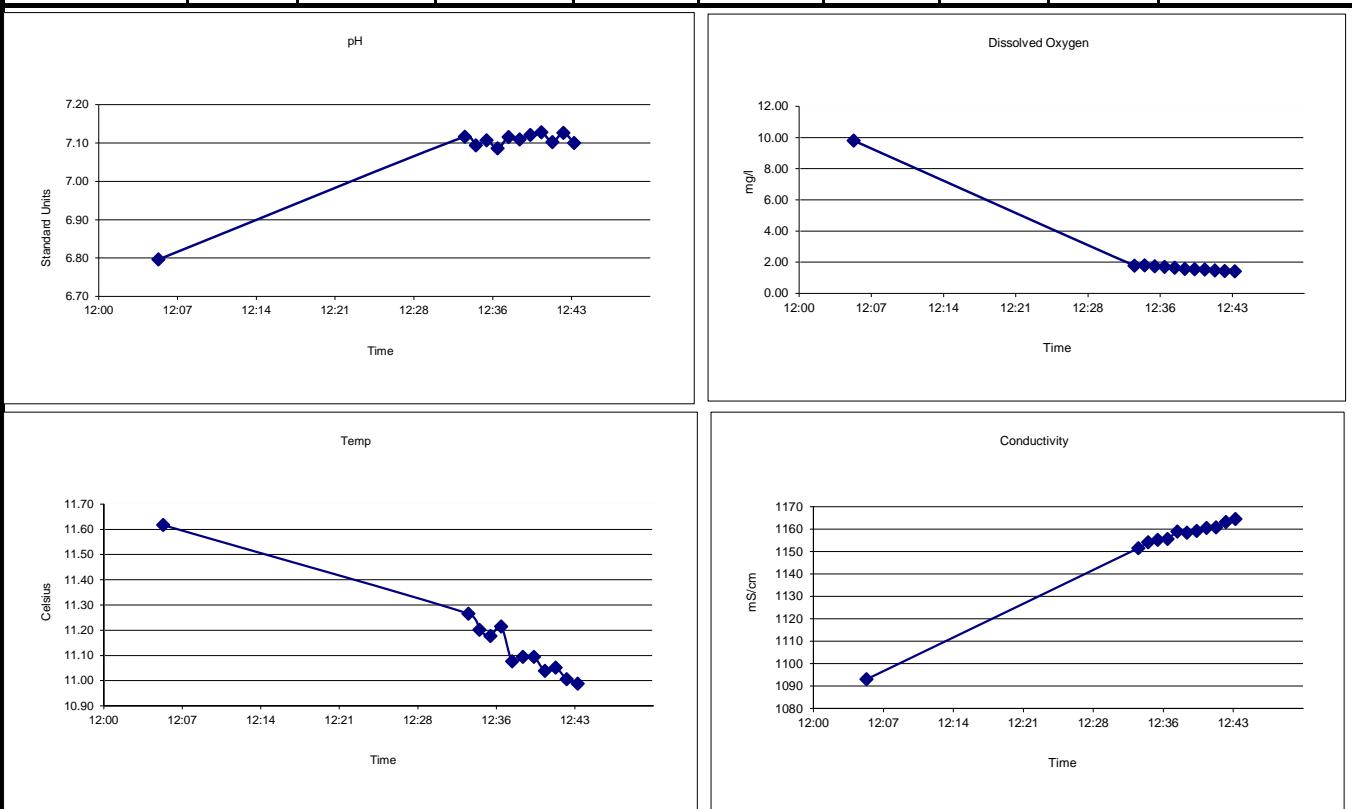
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 206A</b>
Casing Stickup (Ft.)	-0.36	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	90.24	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	2.36	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	88.24	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	mS/cm	FTU	ml/min	(Ft.) TOC	
12:04							0		black cloudy
12:05	6.80	9.80	11.62	-125.3	1093.02	85	500		
12:33	7.12	1.78	11.27	-155.1	1151.53		500		
12:34	7.09	1.80	11.20	-157.4	1154.07		500		
12:35	7.11	1.75	11.18	-142.9	1155.24		500		
12:36	7.09	1.71	11.21	-144.9	1155.61		500		
12:37	7.12	1.64	11.08	-150.0	1158.89		500		
12:38	7.11	1.57	11.09	-152.2	1158.37		500		
12:39	7.12	1.56	11.09	-149.5	1159.16		500		
12:40	7.13	1.52	11.04	-153.5	1160.52		500		
12:41	7.10	1.48	11.05	-150.9	1160.78		500		
12:42	7.13	1.44	11.01	-148.5	1163.19		500	2.36	slightly cloudy
12:43	7.10	1.41	10.99	-144.8	1164.45		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>39.0</b>	0.00	-4.92%	-0.58%	6.06	0.32%				<b>19.50</b>



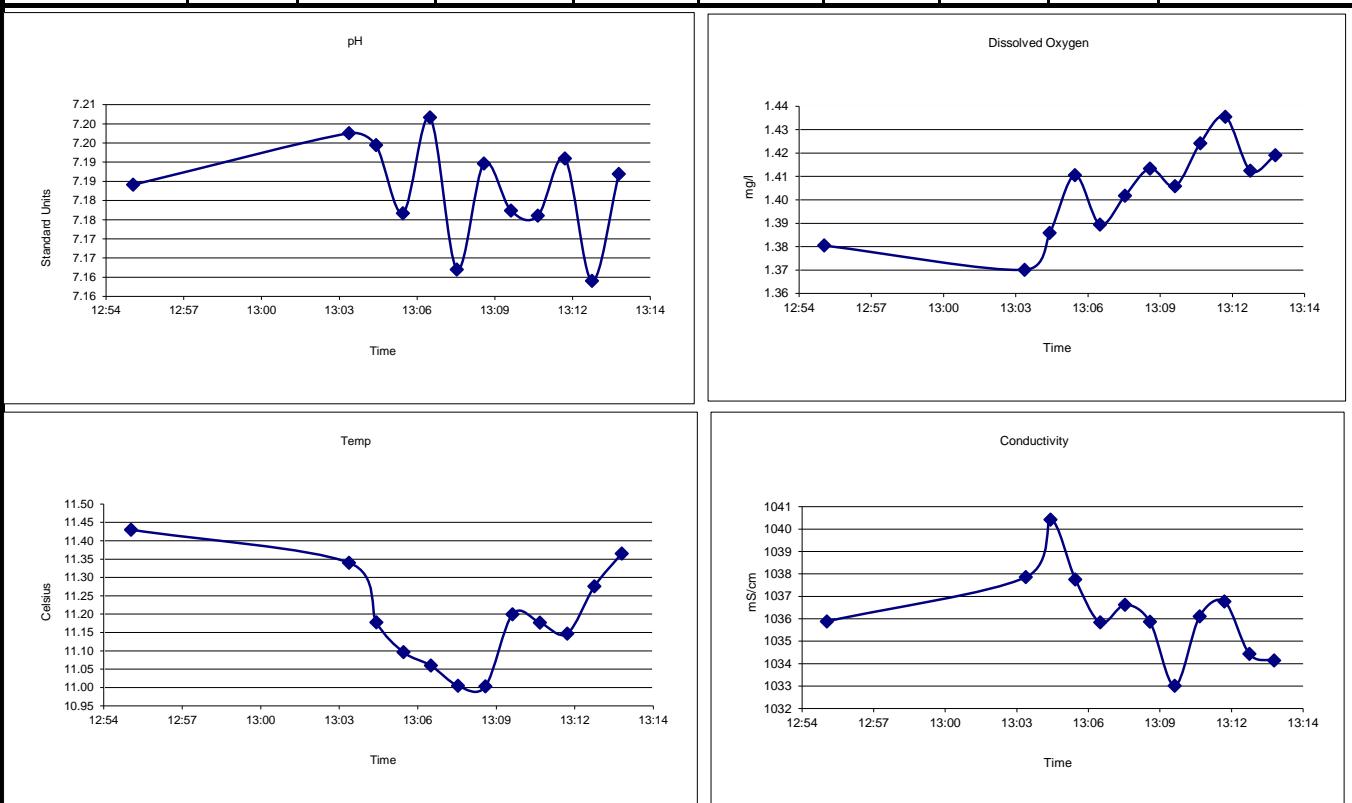
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 206B</b>
Casing Stickup (Ft.)	-0.45	Purge Method Low Flow Micro Purge		Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	129.94	Purge Equip QED Air Diaphragm		Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	2.38	Field Analysis Method Flow Thru Analysis - 250 mL		Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	128.01	Field Analysis Equip YSI 556 MSP		Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
12:54							0		0
12:55	7.18	1.38	11.43	-28.2	1035.89	21	500		clear
13:03	7.20	1.37	11.34	-25.3	1037.85		500		
13:04	7.19	1.39	11.18	-24.4	1040.42		500		
13:05	7.18	1.41	11.10	-22.3	1037.76		500		
13:06	7.20	1.39	11.06	-24.8	1035.84		500		
13:07	7.16	1.40	11.00	-22.8	1036.63		500		
13:08	7.19	1.41	11.00	-23.5	1035.86		500	2.38	
13:09	7.18	1.41	11.20	-24.5	1033.01		500		
13:10	7.18	1.42	11.18	-26.3	1036.11		500		
13:11	7.19	1.44	11.15	-23.7	1036.77		500		clear
13:12	7.16	1.41	11.28	-22.9	1034.44		500		
13:13	7.19	1.42	11.37	-20.8	1034.14		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>19.0</b>	0.00	-1.16%	1.92%	2.88	-0.25%				<b>9.50</b>



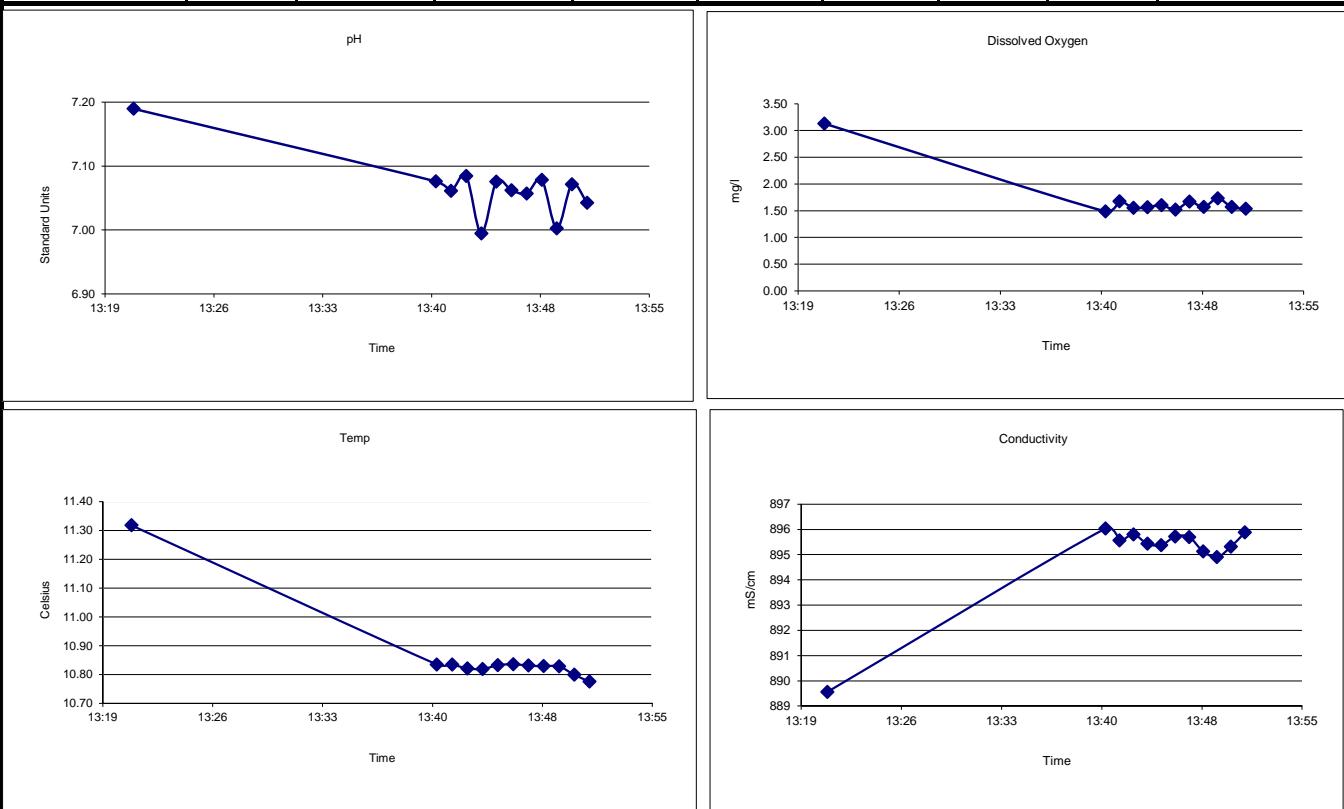
Remarks: (well condition, maintenance, etc...)

# SE Rockford Superfund Site Ground Water Sampling - Field Report

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis VOCs (SW-846 8260)	Well ID: <b>MW 206C</b>
Casing Stickup (Ft.)	-0.55	Purge Method	Low Flow Micro Purge	Container 40 mL VOA Vial	Sample Date 11-Nov-16
Total Well Depth (Ft.) TOC	251.31	Purge Equip	QED Air Diaphragm	Sample Type Grab (Groundwater)	Sampled by: Patrick Egan
Static Water Level (Ft.) TOC	2.53	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation HCl / Ice	Site Visitors: None
Water Thickness (Ft.)	249.33	Field Analysis Equip	YSI 556 MSP	Sampling Period FALL 16	

## FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:20							0		0
13:21	7.19	3.13	11.32	-8.5	889.56	30	500		
13:41	7.08	1.49	10.84	-73.0	896.04		500		
13:42	7.06	1.68	10.83	-72.3	895.57		500		
13:43	7.08	1.55	10.82	-73.3	895.80		500		
13:44	6.99	1.57	10.82	-68.1	895.43		500		
13:45	7.08	1.60	10.83	-73.1	895.38		500		
13:46	7.06	1.52	10.84	-71.0	895.72		500		
13:47	7.06	1.67	10.83	-70.4	895.70		500		
13:48	7.08	1.57	10.83	-72.0	895.13		500	2.53	
13:49	7.00	1.73	10.83	-68.3	894.90		500		clear
13:50	7.07	1.57	10.80	-71.8	895.31		500		
13:51	7.04	1.54	10.78	-70.5	895.88		500		
<b>MINUTES</b>									<b>TOTAL LITERS</b>
<b>31.0</b>	0.04	-12.71%	-0.49%	-2.28	0.11%			<b>15.50</b>	

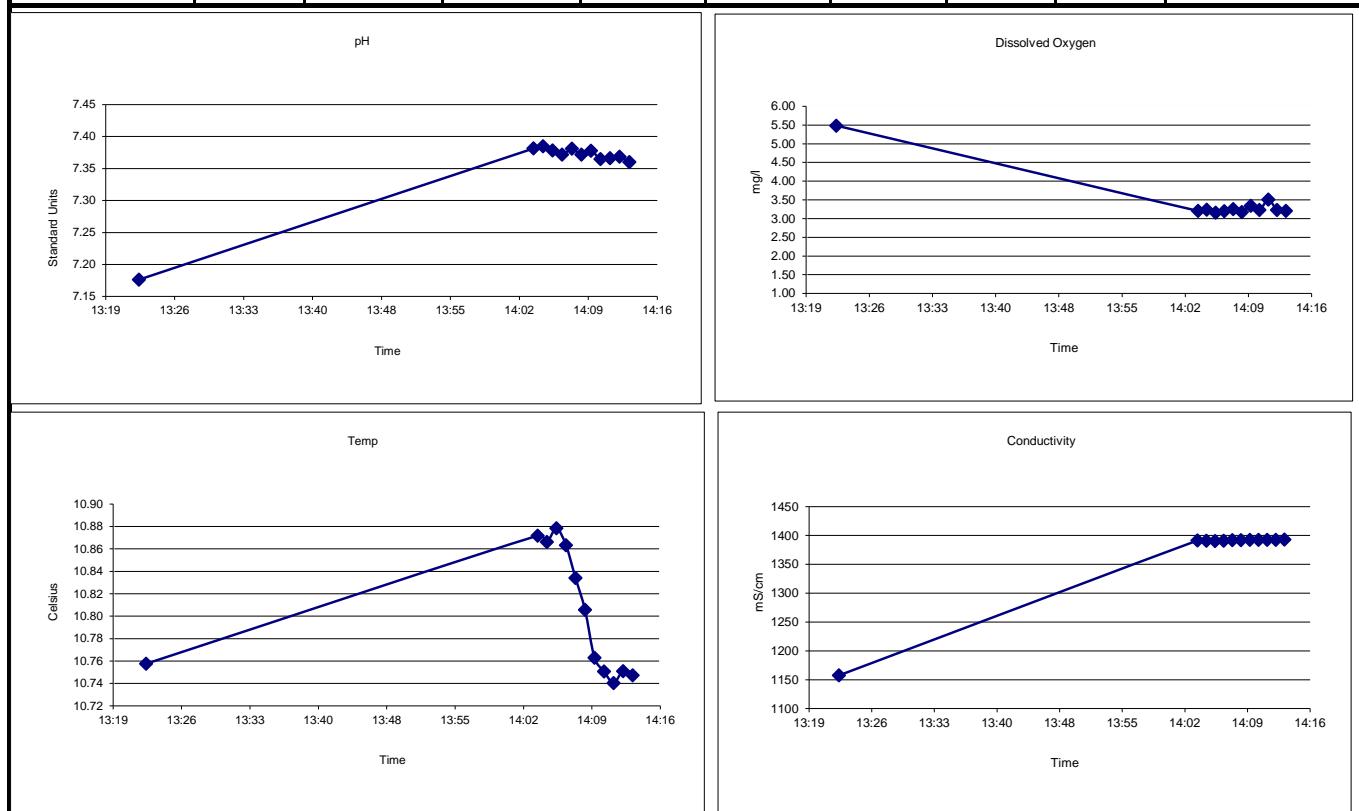


Remarks: (well condition, maintenance, etc...)

Casing Diameter (inch)	2	Pump Inlet (Ft.) TOC	60	Lab Analysis	VOCs (SW-846 8260)	Well ID:	<b>MW 207</b>
Casing Stickup (Ft.)	-0.3	Purge Method	Low Flow Micro Purge	Container	40 mL VOA Vial	Sample Date	12-Nov-16
Total Well Depth (Ft.) TOC	90.81	Purge Equip	QED Air Diaphragm	Sample Type	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	34.5	Field Analysis Method	Flow Thru Analysis - 250 mL	Preservation	HCl / Ice	Site Visitors:	
Water Thickness (Ft.)	56.61	Field Analysis Equip	YSI 556 MSP	Sampling Period	FALL 16	None	

#### FIELD PURGE MONITORING

Time HH:MM	pH Standard Units	DO mg/l	Temp °C	ORP mV	SpCond mS/cm	TURB FTU	Flow Rate mL/min	Well Level (Ft.) TOC	Annotation
13:21							0		0
13:22	7.18	5.48	10.76	140.7	1157.54	93	500		Red cloudy
14:03	7.38	3.20	10.87	127.8	1391.45		500		
14:04	7.38	3.24	10.87	127.0	1391.06		500		
14:05	7.38	3.15	10.88	126.3	1390.36		500		slightly cloudy
14:06	7.37	3.20	10.86	125.1	1391.07		500		
14:07	7.38	3.25	10.83	120.4	1391.85		500		
14:08	7.37	3.17	10.81	118.2	1392.00		500	34.58	
14:09	7.38	3.34	10.76	116.1	1392.30		500		
14:10	7.36	3.23	10.75	117.1	1392.20		500		
14:11	7.37	3.51	10.74	116.1	1392.47		500		
14:12	7.37	3.23	10.75	116.0	1392.40		500		
14:13	7.36	3.21	10.75	116.3	1393.16		500		
MINUTES									TOTAL LITERS
<b>52.2</b>	-0.01	-9.27%	0.06%	0.19	0.05%				<b>26.11</b>



Remarks: (well condition, maintenance, etc...)